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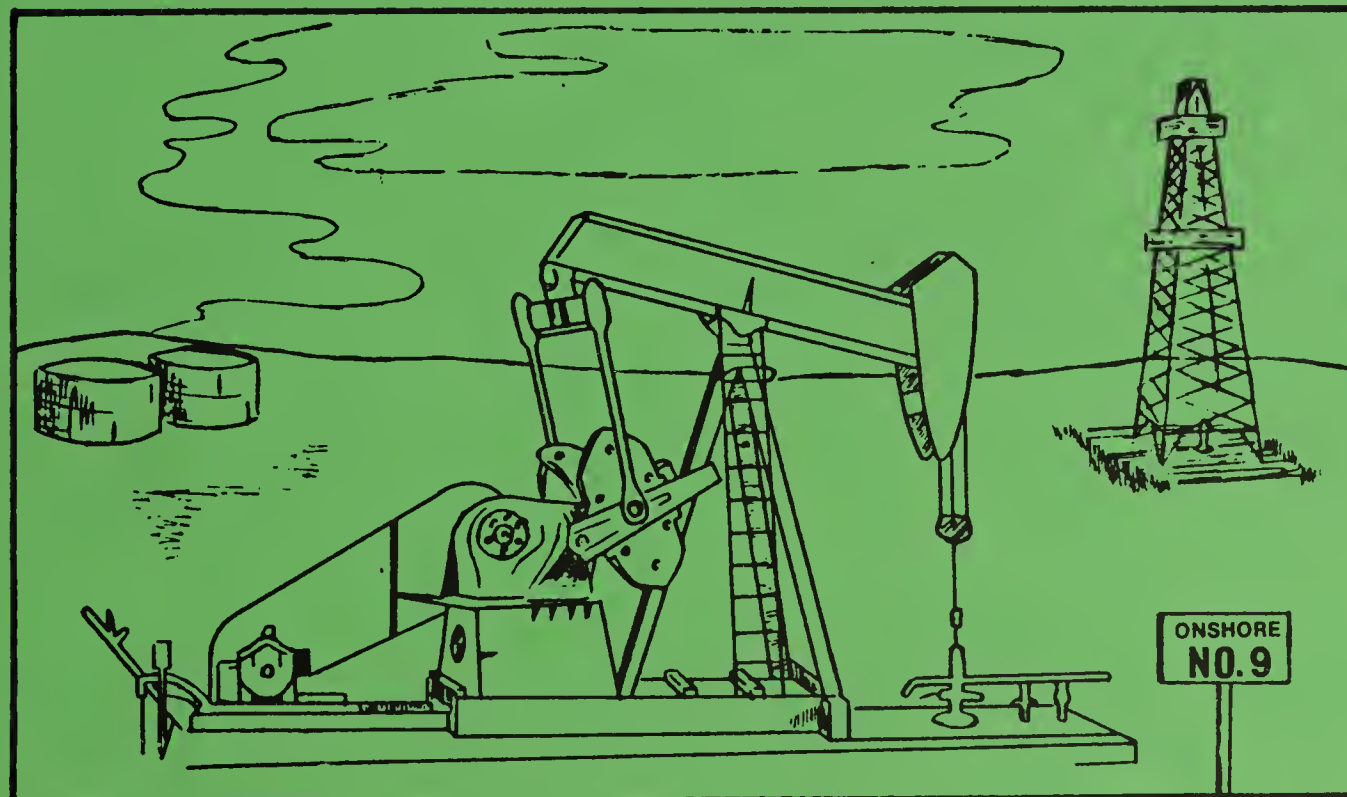
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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

FEDERAL AND INDIAN LANDS
OIL AND GAS PRODUCTION, ROYALTY INCOME,
AND RELATED STATISTICS

1920
THROUGH
1978



CALENDAR
YEAR
1978

JUNE 1979



UNITED STATES DEPARTMENT OF THE INTERIOR

Cecil D. Andrus, Secretary

GEOLOGICAL SURVEY

H. William Menard, Director

CONSERVATION DIVISION

Don E. Kash, Chief

FEDERAL AND INDIAN LANDS

OIL AND GAS PRODUCTION, ROYALTY INCOME

AND RELATED STATISTICS

1920 through 1978

Calendar Year 1978

June 1979

Compiled by: Walter M. Harris
Bruce E. McFarlane
Sharon K. Piper
Deborah J. Arritt

C O N T E N T S

PART I

INTRODUCTION AND ORGANIZATION CHART.....	1-6
Supervisory Regions - Field Offices and Addresses	
Map - Regional boundaries	7, 7a
Regional Offices.....	8
Central Region	9-10
Eastern Region.....	11
Gulf of Mexico Region.....	12
Western Region.....	13
Conservation Division Appropriations.....	14

PART 2

LEASING.....	15
Competitive Onshore Oil & Gas Lease Sales by States.....	16
Competitive Onshore Oil & Gas Lease Sales by Years.....	17
Competitive Geothermal Steam Lease Sales on Federal Lands.....	18
Production from Competitive Leases.....	19-23
Lease Status - Oil and Gas Operations by States.....	24
Lease Status - Mining Operations by States.....	25
Lease Status by Years.....	26-28
Producing Oil and Gas Leases by States.....	29-31
Producing and Total Oil and Gas Leases by Years.....	32,33
Producing and NonProducing Geothermal Leases.....	34-37

PART 3

DEVELOPMENT.....	38
Well Activity	
By States.....	39-44
By Years.....	45-55
Geothermal.....	56
Well Status	
By States.....	57-62
By Years.....	63-73
Geothermal.....	74
Unit Plans, Number and Acreage.....	75-76
Unitized Production Percentage of Total Production.....	77

CONTENTS

Part 4

PRODUCTION AND REVENUE.....	78
Statistics by Years	
Graph - Federal Onshore and Indian Lands Oil and Condensate, and Gas Production.....	79
Graph - Outer Continental Shelf Oil and Condensate, and Gas Production.....	80
Cumulative Production, Value, and Royalty - All Lands, by Products.	81
Value and Royalty	
By States - Cumulative 1920-1978.....	82
By Products and Lands - Calendar Year 1978	83, 84
By States - Calendar Year 1978	85
By Lands and Years.....	86-92
Production, Value, and Royalty	
Oil and Condensate	
All Lands.....	93, 94
Public Lands.....	95
Outer Continental Shelf.....	96-98
Acquired Lands.....	99
Military & Miscellaneous.....	100
Naval Petroleum Reserves.....	101
Indian Lands.....	102
Gas	
All Lands.....	103
Public Lands.....	104
Outer Continental Shelf.....	105
Acquired Lands.....	106
Military & Miscellaneous.....	107
Naval Petroleum Reserves.....	108
Indian Lands.....	109

CONTENTS

Part 4

PRODUCTION AND REVENUE (Continued)

Natural Gasoline and LPG	
All Lands.....	110
Public Lands.....	111
Outer Continental Shelf.....	112
Acquired Lands.....	113
Military & Miscellaneous.....	114
Naval Petroleum Reserves.....	115
Indian Lands.....	116
Carbon Dioxide	
All Lands.....	117
Public Lands.....	118
Naval Petroleum Reserves.....	119
Salt	
All Lands - Outer Continental Shelf	120
Sulfur	
All Lands.....	121
Public Lands.....	122
Outer Continental Shelf.....	123
Acquired Lands.....	124
Indian Lands.....	125
Oil Lost	
All Lands.....	126
Public Lands.....	127
Outer Continental Shelf.....	128
Acquired Lands.....	129
Indian Lands.....	130
Gas Lost	
All Lands.....	131
Public Lands.....	132
Outer Continental Shelf.....	133
Acquired Lands.....	134
Military & Miscellaneous.....	135
Indian Lands.....	136

CONTENTS

Part 4

PRODUCTION AND REVENUE (Continued)	
Statistics by States, Lands, and Products - 1978.....	137-147
Statistics by States, Lands, Products, and Years	
Alabama.....	148-155
Alaska.....	156-162
Arizona.....	163-167
Arkansas.....	168-177
California.....	178-195
Colorado.....	196-208
Florida.....	209-211
Illinois.....	212
Indiana.....	213
Kansas.....	214-219
Kentucky.....	220-224
Louisiana.....	225-242
Maryland.....	243
Michigan.....	244-250
Mississippi.....	251-258
Montana.....	259-274
Nebraska.....	275-284
Nevada.....	285
New Mexico.....	286-299
North Dakota.....	300-314
Ohio.....	315-316
Oklahoma.....	317-330
Pennsylvania.....	331-332
South Dakota.....	333-337
Texas.....	338-352
Utah.....	353-366
Washington.....	367
West Virginia.....	368
Wyoming.....	369-386

C O N T E N T S

Part 5

TEN STANDARD FEDERAL ADMINISTRATIVE REGIONS.....	387
Production Value and Royalty by Region.....	388

Part 6

TOTAL UNITED STATES AND FEDERAL, OCS, AND INDIAN PRODUCTION OF OIL AND CONDENSATE AND GAS.....	389, 390
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PART 1

The Conservation Division U. S. Geological Survey Department of the Interior

The Conservation Division was organized July 1, 1925, and has two primary functions. These are (1) the classification of Public lands as to their mineral character, their value for waterpower and storage purposes, and the evaluation of mineral tracts subject to competitive lease; and (2) the supervision of operations incident to the prospecting, development, and production of minerals on Federal, Indian, Naval Petroleum Reserve Lands and the Outer Continental Shelf under lease, license, and prospecting permits. Both functions are concerned with the identification, efficient development, maximum recovery and prudent use of mineral and water resources belonging to the United States, or to Indians, and neither is performed by any other Government agency.

The classification function, carried out by Area Geologists and Hydraulic Engineers, is performed pursuant to the provisions of the Act of March 3, 1879 (20 Stat. 377), which created the Geological Survey and charged its Director with the responsibility of classifying the Public Lands of the United States. The second-named function, carried out by Area Oil and Gas Supervisors and Area Mining Supervisors, with support from Area Geologists and Geophysicists, is performed in accordance with the provisions of the various mineral leasing laws and applicable regulations under authority delegated from the Secretary of the Interior.

Functions of Area Offices

Area Geologists. The functions of the Area Geologists include offices and field activities for: (1) inventory of mineral resource data as to thickness, quality, depth, and extent of leasable minerals for use in Federal land administration and mineral management; (2) translation of leasable mineral resource data for determinations involving multiple-use, exchange, surface interference, disposal or retention of mineral rights and areas subject to competitive leasing onshore; (3) provide the geologic interpretations and analyses necessary for pre-sale evaluation of lands to be offered for competitive leasing to assure receipt to the Government of fair value for the mineral resources disposed of; (4) review of geologic information from Federal permittees and lessees, and independent geologic investigations to supplement existing

data for the classification and evaluation of Federal and, when requested, Indian lands; (5) geologic review of applications to lease, explore and develop Federal mineral lands; (6) study of geologic data on leased lands for purposes of inventory and development; (7) provide Federal land-administering agencies with determinations and consultation as to the classification and evaluation of the Federal mineral estate for leasable minerals and as an advisory service with regard to the occurrence of locatable minerals on Federal lands; and (8) release or publish all pertinent (non-proprietary) mineral classification and evaluation data of a geologic nature of interest and value to the scientific community, industry, and public-at-large.

Upon recommendation of the Director, Geological Survey, and under authority contained in the 1879 Survey Organization Act, the President of the United States, pursuant to the Act of June 25, 1910, withdrew approximately 113,000,000 acres for classification purposes believed to contain valuable nonmetalliferous minerals in 14 states and Alaska. Much of this acreage has subsequently been classified or restored. As of December 31, 1978, there were outstanding withdrawals of 19,601,967 acres (7,932,622 ha) for coal, 14,177,234 acres (5,737,448 ha) for oil shale, 1,503,970 acres (608,634 ha) for phosphate, and 9,411,382 acres (3,808,645 ha) for potassium. The Conservation Division also has classified 43,689,882 acres (17,680,639 ha) of coal land, 4,233 acres (1,713 ha) of oil land, 512,134 acres (207,253 ha) of phosphate land and 628,951 acres (254,527 ha) of sodium land, in addition to the amount of acreage withdrawn.

Under the mineral leasing laws, oil and gas lands are subject to lease on application or lease by competitive bidding. The Area Geologists determine and define the areas subject only to competitive leasing. As of December 31, 1978, there were 11,873,018 acres (4,804,832 ha) within defined and 6,639,010 acres (2,686,708 ha) in undefined Known Geologic Structures on Producing Oil and Gas Fields in 30 states and 3,380,583 acres (1,368,071 ha) in Known Geothermal Resource Areas. For every plan of unit operation or cooperative development submitted, a determination of the area properly subject geologically to inclusion therein and a specification of the required depth for an adequate test of such area are provided. There was a total of 1,168 unit plans outstanding on December 31, 1978, involving 10,956,407 acres. First discoveries of oil and gas under application leases, and discoveries of new oil or gas fields or deposits pursuant to the Act approved December 24, 1942 (56 Stat. 1080), area appraised and reported by the Division to the Bureau of Land Management for their pertinent effect on rent and royalty liabilities.

The Area Geologist determines the quantity, thickness, depth, extent, quality, and pitch of minerals and mineral deposits occurring in land tracts offered for competitive lease and provides geologic analysis of land subject to prospecting in accordance with the mineral leasing laws. Area Geologists advise as to the validity of a geologic data

known or proffered in support of mineral discovery on Federal lands. During the exploratory and exploitation phases of mineral recovery, the Area Geologist determines surface and subsurface geologic hazards and conditions likely to be encountered in the development of oil, gas, geothermal, and mining leases; and informs Division officials through appropriate geologic reports.

The geologic investigation of dam sites in cooperation with area Hydraulic Engineers is also a function of the Area Geologist. The Area Geologist provides for constant geologic guidance of Area and Regional officials of the Conservation Division and is a part of the Division network maintained for the Secretary of the Interior to provide for the continuous service of consulting geologists on problems of Public Land Administration.

Area Hydraulic Engineers. Activities required of the Area Hydraulic Engineers in the performance of their function to classify the Public Lands as to their waterpower and water storage possibilities include field investigations necessary for the collection of basic data on water resources, topographic and geologic characteristics; office investigations incident to the preparation of related maps and reports; the classification of lands that have potential for purposes of waterpower development or water storage; the elimination from classification lands found to be improperly classified for power or storage purposes; the processing of applications for rights-of-way on or across Public Lands classified for reservoirs, power structures, conduits, canals, transmission lines, or other related uses; the recommendation of appropriate action to be taken by the Federal Energy Regulatory Commission on petitions for determinations under Section 24 of the Federal Power Act; the preparation and submission of reports to the Bureau of Land Management and others on the waterpower or water-storage value of lands sought under a variety of Public Land Laws; and the furnishing to State and Federal agencies, individuals, and corporations concerned with the conservation and development of water resources, pertinent data bearing on the problems of waterpower, irrigation, flood control, navigation, and water supplies for municipal and industrial use in the Public Land states. As of December 31, 1978, a total of 14,022,343 acres (5,674,764 ha) of Public Land in 21 states had been classified as valuable for water resource development purposes, subject to use or disposal under appropriate legislative and administrative authority.

Area Oil and Gas Supervisors. The Area Oil and Gas Supervisors oversee industry operations for the prospecting, development, and production of crude oil, natural gas, and products extracted from natural gas on leased Federal, Indian, certain Naval Petroleum Reserve Lands, and on the Outer Continental Shelf.

The duties of the Area Supervisors include the advance approval of development plans and operating procedures; the periodic inspection of leased properties to assure orderly and efficient development of oil and gas deposits through proper engineering control and laboratory assistance, and the maintenance of proper records of production; the enforcement of Federal regulations to assure orderly development, best engineering practices, prevention of waste and safety and welfare of workmen; the accumulation and correlation of stratigraphic, geologic, production, and graphic records for use in engineering studies; the study and development of improved production techniques applicable to any given field to assure optimum production rates and to prevent underground waste of oil and uneconomical expenditure of reservoir energies; the analysis of oils, gases, waters, cores, etc., in furtherance of such engineering endeavor; and the determination and collection of the royalty liability of each producer.

Area Mining Supervisors. Activities required of the Area Mining Supervisors in the performance of their functions of supervising operations and activities concerned with the prospecting, development, and production of various minerals, fuels, and fertilizers on Public, Indian, and Acquired lands subject to the various mineral leasing laws, include advance approval of operating plans and procedures and deviations therefrom; field inspections for the measurement of and the accounting for all minerals produced to assure a proper determination of royalty liabilities; periodic visits to effect the enforcement of regulations governing mining and milling methods and the public health and safety; field investigations and studies looking to the improvement of recovery and milling practices; the estimation of the reserves of coal and other minerals in Public Lands; the preparation of engineering reports and recommendations as to leasing matters for guidance of appropriate administrative officials in the Interior Department; and the provision of a general consulting service on the coal, potash, sodium, and phosphate resources of the public domain to the officials of numerous Federal agencies.

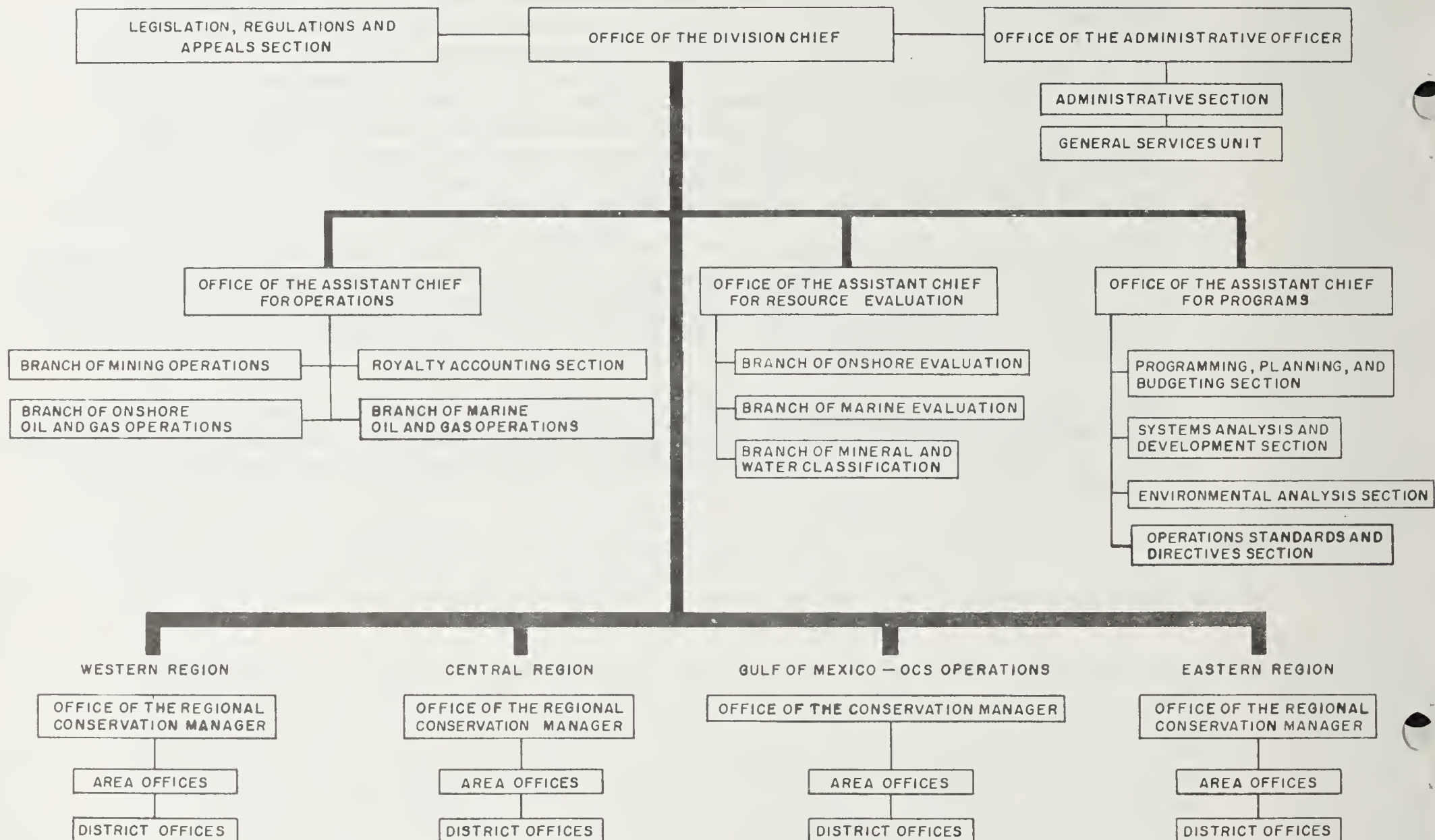
Indian Lands. The Conservation Division, in addition to furnishing technical advice to the many agency superintendents and the Office of Indian Affairs, performs for that bureau supervisory duties under leases issued for restricted Indian Lands similar to the duties it performs under leases for Public Lands. In addition to coal, oil, gas, and other minerals subject to lease under Public Land laws, the Indian Land laws provide for leasing of metalliferous and nonmetalliferous minerals generally. The lode and placer laws are not applicable to Indian Lands. Accordingly, the Survey has under supervision leases for such minerals as asbestos, bentonite, copper, gilsonite, gold, guano, lead, limestone, marl, silver, tungsten, vanadium, vermiculite, and zinc. In general, the conservation practices adopted for use on Public Lands are applicable on Indian Lands also and have the same beneficial results irrespective of the particular mineral involved.

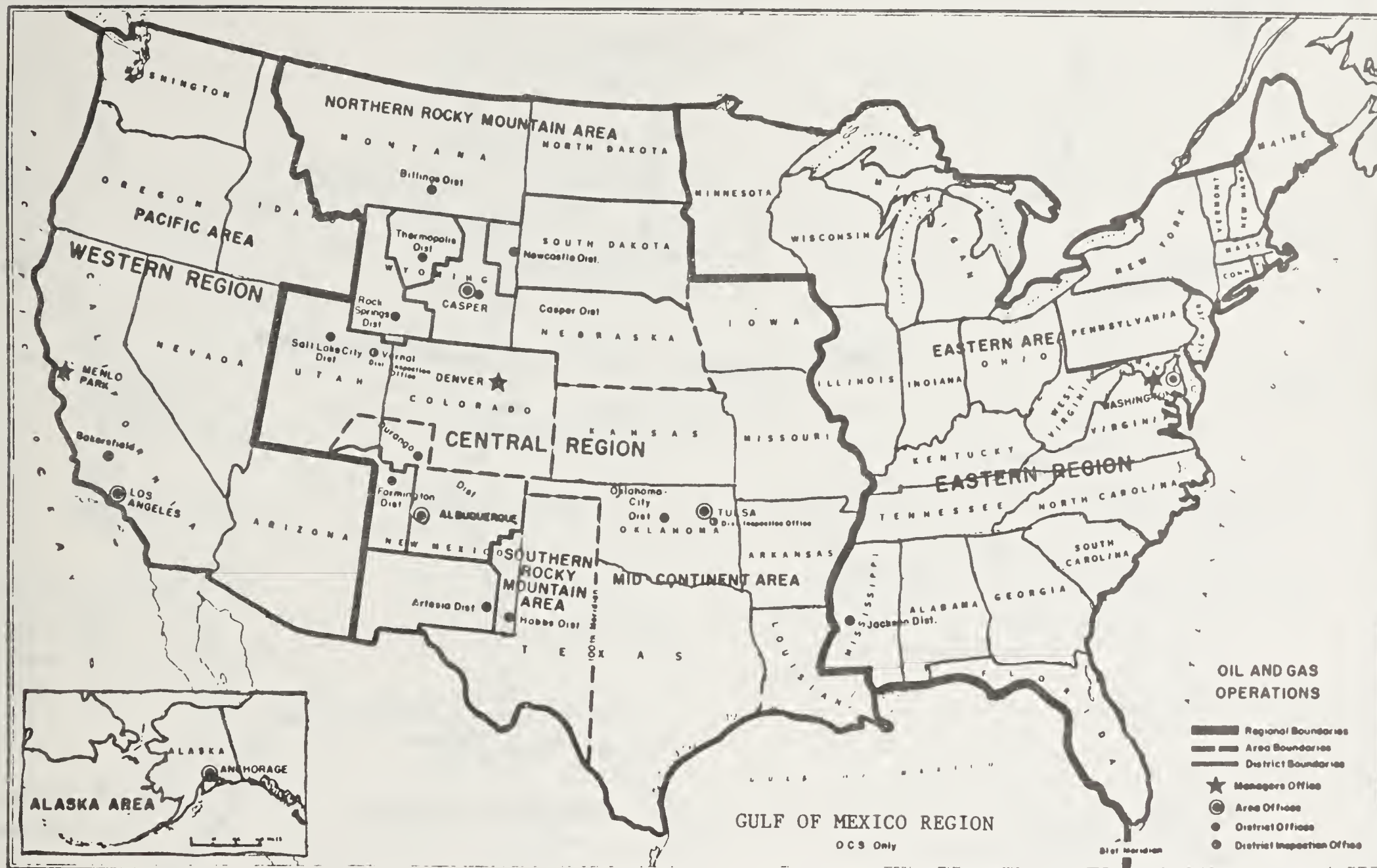
Acquired Lands. The President's Reorganization Plan No. 3 of 1946 transferred to the Department of the Interior jurisdiction over mineral deposits on lands (generally designated as Acquired Lands) held by the Department of Agriculture. Subsequently, the Act of August 7, 1947 (61 Stat. 913), provided authority to lease the nonmetalliferous minerals on such lands as well as most other acquired lands and extended the mineral leasing law (Act of February 25, 1920, as amended) to the Acquired Lands. The Conservation Division discharges the same responsibilities for classification and supervision on Acquired Lands as maintained on Public Lands. In addition, there are applicable regulations for the leasing of metallic minerals on certain of the Acquired Lands transferred to this Department under Reorganization Plan No. 3 of 1946.

Outer Continental Shelf Mining. The Outer Continental Shelf Lands Act provides for the issuance of leases for the mining of minerals other than oil, gas, and sulfur for the OCS. No leases are currently in effect, but regulations have been published in the Federal Register as proposed rule making and the draft environmental impact statement has been released for public comment.

Naval Petroleum Reserve Lands. On October 1, 1976, the Conservation Division transferred the supervision, accounting and related administrative functions for Naval Petroleum Reserve No. 2 to the Department of the Navy. Therefore, no statistics are included after the transfer date.

U. S. GEOLOGICAL SURVEY CONSERVATION DIVISION ORGANIZATION







U.S. Geological Survey
CONSERVATION DIVISION

HEADQUARTERS OFFICE

Address: Chief, Conservation Division
U.S. Geological Survey
National Center - Mail Stop 650
12201 Sunrise Valley Drive
Reston, Virginia 22092

REGIONAL OFFICES

Address: Regional Conservation Manager
U.S. Geological Survey

CENTRAL REGION

Denver Federal Center
Mail Stop 609
Box 25046
Denver, Colorado 80225

EASTERN REGION

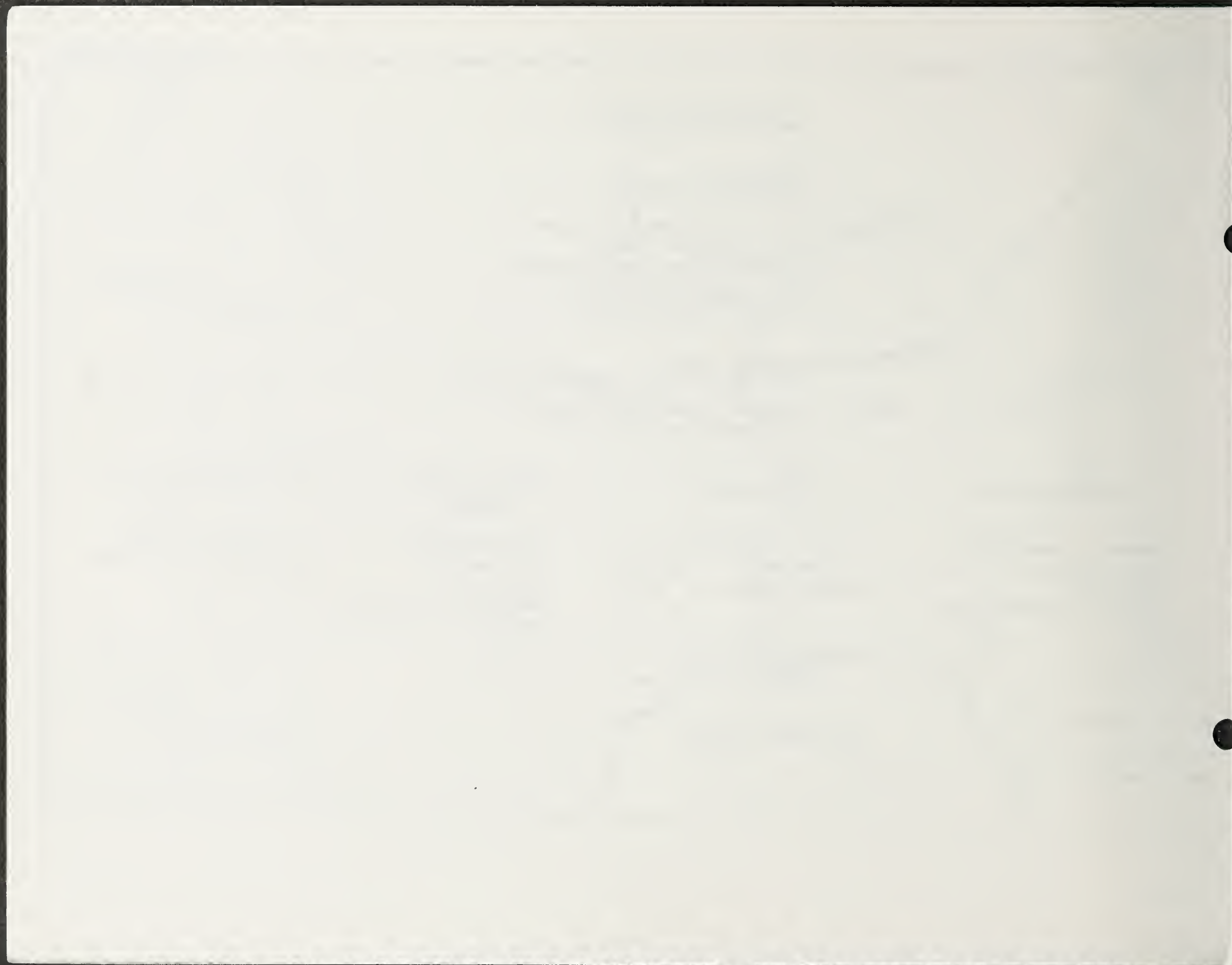
1725 K Street, N.W.
Suite 204
Washington, D.C. 20006

GULF OF MEXICO
REGION

OCS Operations
P.O. Box 7944
Suite 336
Metairie, Louisiana
70010

WESTERN REGION

345 Middlefield Road
Menlo Park, California
94025



U.S. Geological Survey - Conservation Division
Area & District Offices - By Regions
CENTRAL REGION

Area Oil & Gas Supervisor
P.O. Box 2859
100 East B. Street
Casper, Wyoming 82601

District Engineer
P.O. Box 2550
217 Post Office Bldg.
Billings, Montana 59103

District Engineer
P.O. Box 2859
100 East B. Street
Casper, Wyoming 82601

District Engineer
P.O. Box 219
110-1/2 West Main Street
NewCastle, Wyo. 82701

District Engineer
P.O. Box 1170
126 S. Elk Street
Rock Springs, Wyo. 82901

District Engineer
8440 Federal Bldg.
125 S. State Street
Salt Lake City, UT 84138

Vernal Inspection Ofc.
P.O. Box 1037
Vernal, Utah 84078

District Engineer
P.O. Box 590
202 Federal Bldg.
Thermopolis, Wyo. 82448

Area Oil & Gas Supervisor
Western Bank Bldg.
505 Marquette, N.W.
Albuquerque, New Mexico 87102

Area Oil & Gas Supervisor
P.O. Drawer 1857
Fed. Bldg. & U.S. Courthouse
Roswell, New Mexico 88201

District Engineer
P.O. Drawer U
105 S. 4th Street
Artesia, New Mexico 88210

District Engineer
P.O. Drawer 1809
125 W. 10th Street
Durango, Colorado 81301

District Engineer
P.O. Box 959
409 Petroleum Plaza
Farmington, New Mex. 87401

District Engineer
P.O. Box 1157
205 N. Linam Street
Hobbs, New Mexico 88240

Area Oil & Gas Supervisor
6136 East 32nd Place
Tulsa, Oklahoma 74135

District Engineer
200 5th Street, N.W.
Oklahoma City, OK 73102
Tulsa Inspection Office
6136 East 32nd Place
Tulsa, Oklahoma 74135

Area Mining Supervisor
217 Federal Bldg.
P.O. Box 2550
Billings, Montana 59103

Area Mining Supervisor
P.O. Box 1716
114 S. Hallagueno Street
Carlsbad, New Mexico 88220

Area Mining Supervisor
Denver Federal Center
P.O. Box 25046
Denver, Colorado 80225

Area Mining Supervisor
Western Bank Bldg.
505 Marquette, N.W.
Albuquerque, New Mexico 87102

Area Mining Supervisor
6136 East 32nd Place
Tulsa, Oklahoma 74135

District Supervisor
P.O. Box 936
400 Independence Road
Rolla, Missouri 65401

Area Mining Supervisor
8426 Federal Bldg.
125 S. State Street
Salt Lake City, Utah 84138

District Mining Supervisor
204 First Security Bldg.
502 S. Front Street
Rock Springs, Wyoming 82901

U.S. Geological Survey - Conservation Division
Area & District Offices - By Regions
CENTRAL REGION

Area Geologist
Box 25046
Denver Federal Center
Denver, Colorado 80225

District Geologist
8422 Federal Bldg.
125 S. State Street
Salt Lake City, UT 84138

Area Geologist
6136 East 32nd Place
Tulsa, Oklahoma 74135

Area Geologist
P.O. Drawer 1857
Federal Bldg. & U.S. Courthouse
Roswell, New Mexico 88201

Albuquerque Satellite Office
Western Bank Bldg.
505 Marquette, N.W.
Albuquerque, New Mexico 87125

District Geologist
Box 1716
118 Federal Bldg.
Carlsbad, New Mexico 88220

District Geologist
P.O. Box 959
3535 East 30th Street
Farmington, New Mex. 87401

Area Geologist
P.O. Box 2373
Casper, Wyoming 82601

District Geologist
P.O. Box 2550
Billings, Montana 59103

Area Waterpower Classification
Supervisor
Denver Federal Center
Box 25046
Denver, Colorado 80225

Area Oil Shale Supervisor
MESA Federal Savings & Loan
131 N. 6th, Suite 300
Grand Junction, Colorado 81501

District Supervisor (Geothermal)
350 S. Main Street
Salt Lake City, Utah 84101

U.S. Geological Survey - Conservation Division
Area & District Offices - By Regions

EASTERN REGION

Area Oil & Gas Supervisor
1725 K Street, N.W.
Suite 204
Washington, D.C. 20244

District Engineer
415 Unifirst Federal
Savings & Loan Bldg.
Jackson, Mississippi
39201

District Engineer
26 S. Pennsylvania Ave.
Atlantic City, NJ 08401

District Engineer
217 Redfern Village St.
Simons Island, Georgia 31522

Area Mining Supervisor
1725 K Street, N.W.
Suite 204
Washington, D.C. 20244

Area Geologist
1725 K Street, N.W.
Suite 204
Washington, D.C. 20244

U.S. Geological Survey - Conservation Division
Area & District Offices - By Regions

GULF OF MEXICO REGION

Area Oil & Gas Supervisor
P.O. Box 7966 - Suite 336
3301 N. Causeway Blvd.
Metairie, Louisiana 70010

Area Geophysicist
P.O. Box 7966 - Suite 336
3301 N. Causeway Blvd.
Metairie, Louisiana 70010

Area Geologist
P.O. Box 7966 - Suite 336
3301 N. Causeway Blvd.
Metairie, Louisiana 70010

District Engineer
Lafayette District
223 Bendel Road
P.O. Box 52289
LaFayette, Louisiana 70501

District Geophysicist
223 Bendel Road
P.O. Box 52289
LaFayette, Louisiana
70501

District Geologist
223 Bendel Road
P.O. Box 52289
LaFayette, Louisiana
70501

District Engineer
New Orleans District
P.O. Box 7966
3301 N. Causeway Blvd.
Metairie, Louisiana 70010

District Engineer
Freeport District
200 W. 2nd Street
Freeport, Texas 77541

District Engineer
Lake Charles District
P.O. Box 6088
3727 Ryan Street
Lake Charles, Louisiana 70601

District Engineer
Houma District
P.O. Box 1269
1700 Grand Caillou
Houma, Louisiana 70361

U.S. Geological Survey - Conservation Division
Area & District Offices - By Regions

WESTERN REGION

Area Oil & Gas Supervisor
7211 Federal Bldg.
300 N. Los Angeles Street
Los Angeles, CA 90012

District Engineer
309 Federal Bldg.
800 Truxtum Ave.
Bakersfield, CA
93301

District Engineer
145 N. Brent Street
Suite 202
Ventura, CA 93003

Area Oil & Gas Supervisor
P.O. Box 259
800 A Street - Suite 109
Anchorage, Alaska 99510

Area Geothermal Supervisor
345 Middlefield Road
Menlo Park, California 94025

District Supervisor (Geothermal)
P.O. Box 3539
Santa Rosa, California 95402

District Supervisor (Geothermal)
4600 Kietzke Lane
Suite 137-D
Reno, Nevada 89502

Area Mining Supervisor
345 Middlefield Road
Menlo Park, CA 94025

District Mining Supv.
522 N. Central Ave.
Room 208
Phoenix, Arizona 85004

District Mining Supv.
Fed. Bldg. Room 172
250 S. 4th Avenue
Pocatello, Idaho 83201

District Mining Supv.
P.O. Box 2967
Portland, Ore. 97208

Area Hydraulic Engineer
P.O. Box 2967
Portland, Oregon 97208

District Engineer (Hydraulic)
2800 Cottage Way
W-2231 Federal Bldg.
Sacramento, California 95825

Area Geologist
345 Middlefield Road
Menlo Park, California
94025

District Geologist
7760 Federal Bldg.
300 N. Los Angeles St.
Los Angeles, CA 90012

Area Geologist
P.O. Box 259
Anchorage, Alaska 99510

CONSERVATION DIVISION APPROPRIATIONS
MINERAL - RESOURCE EVALUATION AND
LEASE MANAGEMENT

FISCAL YEAR	RESOURCE EVALUATION	LEASE MANAGEMENT	TOTAL
1946	\$ 222,000	\$ 475,000	\$ 697,000
1947	275,000	650,000	925,000
1948	245,000	650,000	895,000
1949	300,000	734,000	1,034,000
1950	325,000	735,000	1,060,000
1951	328,000	850,000	1,178,000
1952	360,000	936,000	1,296,000
1953	360,000	1,080,000	1,440,000
1954	410,000	1,200,000	1,610,000
1955	410,000	1,300,000	1,710,000
1956	435,000	1,382,000	1,817,000
1957	484,000	1,459,000	1,943,000
1958	555,000	1,670,000	2,225,000
1959	600,000	1,835,000	2,435,000
1960	600,000	1,940,000	2,540,000
1961	950,000	2,380,000	3,330,000
1962	1,105,000	2,400,000	3,505,000
1963	1,152,000	2,726,000	3,878,000
1964	1,210,000	2,815,000	4,025,000
1965	1,320,000	3,000,000	4,320,000
1966	1,353,000	3,133,000	4,486,000
1967	1,284,000	3,520,000	4,804,000
1968	1,506,000	3,595,000	5,101,000
1969	1,724,000	3,933,000	5,657,000
1970	2,487,000	5,010,000	7,497,000
1971	2,784,000	6,886,000	9,670,000
1972	4,942,000	8,451,000	13,393,000
1973	4,094,000	10,325,000	14,419,000
1974	6,141,000	11,745,000	17,886,000
1975	17,553,000	18,479,000	36,032,000
1976	19,466,000	23,907,000	43,373,000
1977	33,284,000	34,837,000	68,121,000
1978	35,001,000	42,318,000	77,319,000

Part 2

FEDERAL AND INDIAN LANDS LEASING

On December 31, 1978, the oil and gas leases under supervision totaled 132,753 in number covering 113,019,385 acres of Federal, Indian, and Outer Continental Shelf lands. Since passage of the Mineral Leasing Act of February 25, 1920, the peak year was 1959. On December 31, 1959, there were 156,539 oil and gas leases under supervision covering 121,447,781 acres. However, the 15,972 producing leases in 1978 represented 12 percent of the total under supervision and the 7,344 producing leases in 1959 represented only 5 percent of the leases under supervision.

30 USC 226 specifies a minimum royalty rate of 12-1/2 percent in the amount of value of production removed or sold from oil and gas leases. New leases provided that where the lands are not within a geologic structure of a producing oil and gas field, the lands are offered to the first qualified applicant at a royalty rate of 12-1/2 percent. Where the lands are within a known geologic structure of a producing oil or gas field, the lands are disposed of by competitive bidding. Competitive leases of current issue require a graduated royalty on crude oil dependent on well production. The royalty varies from 12-1/2 percent on oil wells producing 50 barrels or less per day for the month to 25 percent on wells producing 400 barrels or more per day. Royalty on natural gas and associated products is 12-1/2 percent on wells producing 5 million cubic feet or less per day for the month and 16-2/3 percent for wells producing over 5 million cubic feet.

The rental for Federal onshore noncompetitive oil and gas leases is 50 cents per acre or fraction thereof for each lease year and \$2 per acre for competitive leases. The minimum royalty which is paid in lieu of rental at the expiration of each lease year after discovery for noncompetitive and competitive leases is \$1 per acre or fraction thereof. If there is production, the difference between the actual royalty paid during the year and the prescribed minimum royalty of \$1 per acre is to be paid.

On December 31, 1978, there were 1,166 Geothermal leases under supervision covering 2,037,894 acres of Public and Indian lands. This represents an increase of 102 leases under supervision when compared to December 31, 1977.

COMPETITIVE OIL AND GAS LEASE SALES
ON PUBLIC AND ACQUIRED LANDS
FISCAL YEAR 1978

	PUBLIC LANDS			ACQUIRED LAND			TOTAL			
	:	ACRES	BONUS	:	ACRES	BONUS	:	ACRES	BONUS	:
	:	NO.	LEASED	:	NO.	LEASED	:	NO.	LEASED	:
			RECEIVED			RECEIVED			RECEIVED	
California	21	2,121	\$ 299,349	-	-	\$ -	21	2,121	\$ 299,349	
Colorado	21	5,743	15,898	2	309	15,886	23	6,052	31,784	
Kansas	6	187	3,920	2	320	10,974	8	507	19,894	
Montana	20	2,696	159,721	2	280	1,380	22	2,976	161,101	
Nebraska	22	13,442	2,391,351	-	-	-	22	13,442	2,391,351	
Nevada	2	400	7,957	-	-	-	2	400	7,957	
New Mexico	64	19,634	2,469,969	-	-	-	64	19,634	2,469,969	
North Dakota	1	40	4,071	3	440	31,123	4	480	35,194	
Oklahoma	22	2,031	4,303,610	3	715	75,298	25	2,746	4,378,908	
Utah	45	18,878	1,254,972	1	160	800	46	19,038	1,255,772	
Wyoming	62	9,042	1,654,686	-	-	-	62	9,042	1,654,686	
TOTAL	286	74,214	\$12,570,504	13	2,224	\$135,461	299	76,438	\$12,705,965	

SOURCE: BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF INTERIOR

COMPETITIVE OIL & GAS LEASE SALES
PUBLIC AND ACQUIRED LANDS

FISCAL YEAR	PUBLIC LAND		ACQUIRED LAND		TOTAL	
	ACREAGE	BONUS	ACREAGE	BONUS	ACREAGE	BONUS
1950	256	\$ 3,558	1,538	\$ 163,998	1,794	\$ 167,556
1951	3,590	116,079	---	---	3,590	116,079
1952	9,355	326,732	---	---	9,355	326,732
1953	11,029	1,805,475	---	---	11,029	1,805,475
1954	6,611	218,668	1,115	37,244	7,726	255,912
1955	16,145	833,305	---	---	16,145	833,305
1956	19,894	629,729	1,603	611,750	21,497	1,241,479
1957	155,137	906,321	27,096	291,084	182,233	1,197,405
1958	10,564	274,432	---	---	10,564	274,432
1959	31,319	862,482	964	20,349	32,283	882,831
1960	17,562	657,131	4,385	11,734	21,947	668,865
1961	15,760	473,257	11,706	11,922,117	27,466	12,395,374
1962	31,541	6,994,498	1,170	64,953	32,711	7,059,451
1963	49,319	1,953,328	3,805	135,908	53,124	2,089,236
1964	18,532	586,668	1,803	63,250	20,335	649,918
1965	30,801	617,174	15,771	1,188,258	46,572	1,805,432
1966	33,779	476,066	1,674	96,771	35,453	572,837
1967	60,413	737,835	1,252	26,461	61,665	764,296
1968	59,969	679,134	11,536	293,289	71,505	972,523
1969	30,437	426,090	6,532	328,453	36,969	754,543
1970	35,340	359,064	3,384	119,826	38,724	478,890
1971	46,637	857,436	5,465	305,700	52,102	1,163,136
1972	85,151	922,669	3,175	194,874	88,326	1,117,543
1973	84,105	1,788,537	5,210	414,833	89,315	2,203,370
1974	63,377	2,243,094	1,870	52,529	65,247	2,295,623
1975	106,470	7,333,467	5,921	869,524	112,401	8,202,991
1976	66,049	3,151,974	8,567	1,762,234	74,616	4,934,208
1977	76,149	\$ 7,052,410	4,380	\$ 768,537	80,529	\$ 7,820,947
1978	74,214	\$12,570,504	2,224	\$ 135,461	76,438	\$12,705,965
TOTAL	1,249,505	\$55,857,117	132,156	\$19,899,237	1,381,661	\$75,756,354

AVERAGE PRICE PER ACRE

PUBLIC LAND: \$44.70

ACQUIRED LAND: \$150.57

TOTAL \$54.82

SOURCE: BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF THE INTERIOR

COMPETITIVE GEOTHERMAL STEAM LEASE SALES
ON FEDERAL LANDS

:		ACRES	BONUS	:		ACRES	BONUS	:
:	FISCAL YEAR	NO.	LEASED	:	FISCAL YEAR	NO.	LEASED	:
:			RECEIVED (\$)	:			RECEIVED (\$)	:
<u>1975</u>				<u>1977</u>				
Colorado	3	5,037	13,576	Idaho	2	3,941	27,006	
Nevada	10	23,296	975,438	Nevada	11	21,663	128,384	
New Mexico	9	18,476	359,683	New Mexico	16	23,115	587,778	
Oregon	1	1,347	13,822	Oregon	10	17,929	70	
Utah	21	42,801	3,553,312					
TOTAL	44	90,957	4,915,831	TOTAL	39	66,648	743,238	
<u>1976</u>				<u>1978</u>				
California	5	10,584	134,533	California	2	2,857	780,451	
Idaho	10	20,964	164,470	Idaho	4	6,985	30,453	
Nevada	25	50,410	678,300	Nevada	12	23,439	681,865	
Oregon	27	49,598	314,295	New Mexico	18	30,017	514,789	
Utah	18	33,730	126,184	Oregon	30	60,685	371,910	
TOTAL	85	165,286	1,417,782	Utah	7	11,138	668,784	
				TOTAL	73	135,121	3,048,252	
				TOTAL TO DATE	241	458,012	10,125,103	

SOURCE: BUREAU OF LAND MANAGEMENT
U.S. DEPT. OF INTERIOR

AVERAGE BONUS PER ACRE \$22.11

COMPETITIVE STATISTICS

PUBLIC LANDS CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(BARRELS)		
CALIFORNIA	(118,694)	(566,511)	(73,116)
COLORADO	5,044,022	51,495,400	10,069,706
KANSAS	3,709	47,622	6,065
LOUISIANA	7,119	85,767	10,747
MISSISSIPPI	1,545	18,826	2,340
MONTANA	1,041,031	7,088,226	864,295
NEBRASKA	30,510	314,257	52,245
NEW MEXICO	1,446,484	15,708,808	2,346,541
NORTH DAKOTA	185,396	1,145,324	121,806
OKLAHOMA	37,703	483,469	64,521
UTAH	63,589	385,634	48,203
WYOMING	24,258,939	174,719,673	25,351,701
TOTAL	32,001,353	250,926,495	38,865,054
	(MCF)		
ARKANSAS	594,100	962,673	120,334
CALIFORNIA	90,471	112,317	16,724
COLORADO	4,434,889	4,095,996	502,999
KANSAS	3,631,528	1,569,422	196,179
LOUISIANA	153,551	157,757	19,721
MONTANA	3,193,322	(256,701)	(49,610)
NEBRASKA	870,318	963,696	160,616
NEW MEXICO	34,153,566	29,701,975	3,713,673
NORTH DAKOTA	105,420	19,180	2,398
OKLAHOMA	2,375,701	2,974,908	391,750
UTAH	590,667	667,155	83,395
WYOMING	11,195,005	6,566,097	816,443
TOTAL	61,388,538	47,534,475	5,974,622

NOTE: Production from competitive leases is included in the totals on PART 4 PRODUCTION AND REVENUE. Of the total Public and Acquired Land production, about 15 percent of the oil and 6 percent of the gas was produced from competitive leases.

COMPETITIVE STATISTICS

PUBLIC LANDS CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(GALLONS)	GASOLINE AND LPG	
CALIFORNIA	20,353	3,140	136
COLORADO	2,514,834	284,998	22,826
LOUISIANA	153,201	21,597	2,699
MONTANA	1,479,881	284,953	7,554
NEBRASKA	1,406,117	366,158	24,587
NEW MEXICO	8,562,286	1,585,850	66,294
OKLAHOMA	61,437	11,160	1,395
UTAH	82,788	14,644	610
WYOMING	4,583,367	755,153	30,740
TOTAL	18,864,264	3,327,653	156,841
	(TONS)	SULFUR	
MONTANA	2,124	34,018	1,417
NEW MEXICO	30,170	2,300	146
WYOMING	7,257	118,944	4,956
TOTAL	39,551	155,262	6,519
	(MCF)	CO-2	
COLORADO	31,218	60,921	5,692
	(BARRELS)	OIL LOST	
MONTANA	7	52	(1,843)
NORTH DAKOTA	56	278	(35)
WYOMING	7,742	27,388	(52)
TOTAL	7,805	27,718	(1,930)

COMPETITIVE STATISTICS

PUBLIC LANDS CALENDAR YEAR 1978

STATE	PRODUCTION (MCF)	PRODUCTION VALUE (\$)	GAS LOST VALUE (\$)	ROYALTY VALUE (\$)
COLORADO	5,006,351	359,639	(35,680)	
MONTANA	450	657	(82)	
NEW MEXICO	2,459	2,046	481	
NORTH DAKOTA	(1,461)	(2,493)	(312)	
UTAH	700	989	124	
WYOMING	132,040	100,458	12,487	
TOTAL	5,140,539	461,296	(22,982)	
TOTAL PUBLIC		302,493,820	44,983,816	

COMPETITIVE STATISTICS

ACQUIRED LANDS CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
	(BARRELS)	VALUE (\$)	VALUE (\$)
ARKANSAS	600	4,797	800
KANSAS	58,094	391,365	78,030
LOUISIANA	15,418	185,395	22,845
MICHIGAN	28,121	329,521	48,037
MISSISSIPPI	51,699	640,803	95,648
NORTH DAKOTA	188,112	2,017,433	341,469
OHIO	1,180	17,472	2,184
OKLAHOMA	12,999	137,223	18,350
TEXAS	2,481	25,936	3,242
UTAH	28,708	177,399	22,175
WYOMING	8,950	139,954	20,660
TOTAL	396,362	4,067,298	653,440
	(MCF)		GAS
ARKANSAS	751,114	1,109,376	138,916
KANSAS	341,004	148,027	22,417
LOUISIANA	433,383	691,359	86,417
MICHIGAN	10,437	18,534	2,377
MISSISSIPPI	15,913	(4,759)	(595)
OHIO	134,346	48,558	6,069
OKLAHOMA	508,196	266,827	33,356
TEXAS	73,401	83,526	10,441
TOTAL	2,267,794	2,361,448	299,398
	(GALLONS)	GASOLINE AND LPG	
NORTH DAKOTA	10,688	638	27
TEXAS	3,467	661	83
UTAH	48,482	11,224	468
TOTAL	62,637	12,523	578

COMPETITIVE STATISTICS

ACQUIRED LANDS CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE (\$)	VALUE (\$)
	(TONS)	SULFUR	
NORTH DAKOTA	1	1	--
	(BARRELS)	OIL LOST	
TEXAS	12	90	11
	(MCF)	GAS LOST	
ARKANSAS	9,512	14,012	1,751
NORTH DAKOTA	49,148	94,995	11,874
OKLAHOMA	2,145	2,040	2,040
TEXAS	364	539	67
UTAH	157	260	32
WYOMING	37	56	7
TOTAL	61,363	111,902	15,771
TOTAL ACQUIRED		6,553,262	969,198
TOTAL ALL LANDS		309,047,082	45,953,014

LEASE STATUS - All Lands Oil & Gas and Mining Operations December 31, 1978

STATE	PUBLIC			ACQUIRED			INDIAN			TOTAL		
	NUMBER	ACREAGE		NUMBER	ACREAGE		NUMBER	ACREAGE		NUMBER	ACREAGE	
ALABAMA	33	4,788		420	313,660		---	---		453	318,448	
ALASKA	485	1,186,600		---	---		---	---		485	1,186,600	
ARIZONA	1,287	2,499,927		16	17,170		43	55,849		1,346	2,572,946	
ARKANSAS	468	530,199		753	730,194		---	---		1,221	1,260,393	
CALIFORNIA	2,016	763,587		43	5,859		---	---		2,059	769,886	
COLORADO	9,643	9,017,406		615	275,940		341	302,520		10,599	9,595,866	
FLORIDA	135	81,764		246	450,514		25	53,110		406	585,388	
GEORGIA	---	---		---	---		---	---		---	---	
IDAHO	1,802	3,339,289		7	5,668		---	---		1,809	3,344,957	
ILLINOIS	---	---		12	2,567		---	---		12	2,567	
INDIANA	---	---		17	15,134		---	---		17	15,134	
KANSAS	157	58,467		136	41,183		---	---		333	99,650	
KENTUCKY	---	---		152	136,510		---	---		152	136,510	
LOUISIANA	264	32,691		544	326,948		---	---		808	359,639	
MARYLAND	---	---		5	5,522		---	---		5	5,522	
MICHIGAN	171	138,139		605	248,418		1	19		777	396,576	
MINNESOTA	---	---		---	---		---	---		---	---	
MISSISSIPPI	234	21,560		2,037	881,321		---	---		---	---	
MISSOURI	---	---		---	---		23	5,301		2,294	908,182	
MONTANA	9,872	8,546,508		1,914	1,482,999		2,556	770,458		14,342	11,199,965	
NEBRASKA	424	142,559		93	87,081		---	---		517	229,640	
NEVADA	6,274	8,694,615		6	3,537		---	---		6,280	8,698,152	
NEW MEXICO	13,633	10,002,681		188	186,600		1,838	1,096,710		15,654	11,285,991	
NEW YORK	---	---		16	35,345		---	---		16	35,345	
NORTH CAROLINA	---	---		---	---		---	---		---	---	
NORTH DAKOTA	895	232,304		1,636	1,129,693		1,538	268,912		4,069	1,730,909	
OHIO	---	---		47	20,361		---	---		47	20,361	
OKLAHOMA	808	113,108		396	285,020		4,612	401,865		5,816	799,993	
OREGON	228	365,774		24	13,332		---	---		252	379,106	
PENNSYLVANIA	---	---		7	2,619		---	---		7	2,619	
SOUTH DAKOTA	1,034	1,256,712		244	300,420		116	21,974		1,394	1,579,106	
TEXAS	---	---		375	298,070		---	---		375	298,070	
UTAH	16,918	20,148,693		111	46,296		2,506	799,258		19,535	20,994,247	
VIRGINIA	---	---		55	98,348		---	---		55	98,348	
WASHINGTON	72	89,003		6	6,849		---	---		78	95,852	
WEST VIRGINIA	---	---		247	357,437		---	---		247	357,437	
WISCONSIN	---	---		---	---		---	---		---	---	
WYOMING	37,492	22,934,463		431	155,635		1,269	572,181		39,192	23,662,279	

TOTAL 12/31/78 104,385 90,711,237 11,404 7,566,250 14,868 4,348,157 130,637 103,025,684

TOTAL 12/31/77 103,053 85,758,971 11,170 7,288,339 12,783 3,948,699 127,006 97,036,009

OUTER CONTINENTAL SHELF

OFF ALABAMA	8	45,306
OFF ALASKA	163	904,364
OFF CALIFORNIA	101	535,039
OFF FLORIDA	35	201,600
OFF LOUISIANA	1,261	5,434,715
OFF MISSISSIPPI	4	23,040
OFF TEXAS	388	2,075,358
OFF ATLANTIC	136	774,279
TOTAL	2,096	9,993,101
TOTAL	2,146	10,230,510

GRAND TOTAL

12/31/78 132,733 113,019,385

12/31/77 129,152 107,266,519

** DOES NOT INCLUDE USAGE NATICA,
4,549 OIL & GAS LEASES, 1,170,453
ACRES; AND 13 MINING LEASES,
3,208 ACRES. (9/30/78)

NOTE: THE ABOVE REPORT DOES NOT
INCLUDE THE FOLLOWING:

GEOTHERMAL LEASES		
LAND	STATE	NUMBER ACREAGE
FEDERAL	ARIZONA	5 7,148
	CALIFORNIA	46 62,403
	COLORADO	24 31,200
	IDAHO	178 319,091
	MONTANA	6 10,687
	NEVADA	400 686,276
	NEW MEXICO	94 166,654
	OREGON	145 227,085
	UTAH	250 419,938
	VIRGINIA	11 19,774
	WYOMING	4 7,448
INDIAN	CALIFORNIA	2 600
(PERMIT) NEVADA		1 79,590
TOTAL		1,166 2,037,894

Lease Status - All Lands
Oil and Gas and Mining Operations
December 31, 1978
(continued)

MINING LEASES UNDER SUPERVISION											
STATE	PUBLIC		ACQUIRED		INDIAN		TOTAL		STATE	NUMBER	ACREAGE
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE			
ALABAMA	1	2,388	1	40	---	---	2	2,428	ALABAMA	455	320,876
ALASKA	4	2,593	---	---	2	236	6	2,829	ALASKA	491	1,189,429
ARIZONA	10	12,717	---	---	41	85,611	51	98,328	ARIZONA	1,397	2,671,274
ARKANSAS	---	---	13	11,852	---	---	13	11,852	ARKANSAS	1,234	1,272,245
CALIFORNIA	42	42,904	4	819	1	708	47	44,431	CALIFORNIA	2,106	814,317
COLORADO	136	174,234	34	36,889	---	---	170	211,123	COLORADO	10,769	9,836,989
FLORIDA	---	---	4	465	1	460	5	925	FLORIDA	411	586,313
GEORGIA	---	---	5	989	---	---	5	989	GEORGIA	5	989
IDAHO	91	48,054	3	560	141	21,806	235	70,420	IDAHO	2,044	3,415,377
ILLINOIS	---	---	6	2,765	---	---	6	2,765	ILLINOIS	18	5,332
INDIANA	---	---	---	---	---	---	---	---	INDIANA	17	15,134
KANSAS	---	---	---	---	---	---	---	---	KANSAS	333	99,650
KENTUCKY	---	---	2	1,906	---	---	2	1,906	KENTUCKY	154	138,416
LOUISIANA	---	---	---	---	---	---	---	---	LOUISIANA	808	359,639
MARYLAND	---	---	---	---	---	---	---	---	MARYLAND	5	5,522
MICHIGAN	---	---	---	---	---	---	---	---	MICHIGAN	777	396,576
MINNESOTA	---	---	6	5,796	1	52,841	7	58,637	MINNESOTA	7	58,637
MISSISSIPPI	---	---	---	---	---	---	---	---	MISSISSIPPI	2,294	908,182
MISSOURI	---	---	42	37,114	---	---	42	37,114	MISSOURI	42	37,114
MONTANA	48	58,430	5	8,698	77	482,485	130	549,613	MONTANA	14,472	11,749,578
NEBRASKA	---	---	---	---	---	---	---	---	NEBRASKA	517	229,640
NEVADA	64	116,466	---	---	4	303,607	68	417,073	NEVADA	6,348	9,115,225
NEW MEXICO	247	359,675	2	608	281	387,794	530	748,077	NEW MEXICO	16,189	12,034,068
NEW YORK	---	---	---	---	---	---	---	---	NEW YORK	16	35,345
NORTH CAROLINA	---	---	12	19,887	---	---	12	19,887	NORTH CAROLINA	12	19,887
NORTH DAKOTA	16	15,355	14	23,034	4	35,032	34	73,461	NORTH DAKOTA	4,103	1,804,370
OHIO	---	---	1	144	---	---	1	144	OHIO	48	20,505
OKLAHOMA	48	74,798	---	---	21	2,094	69	76,892	OKLAHOMA	5,885	876,885
OREGON	3	5,403	---	---	---	---	3	5,403	OREGON	255	384,509
PENNSYLVANIA	---	---	2	80	---	---	2	80	PENNSYLVANIA	9	2,699
SOUTH DAKOTA	---	---	---	---	41	8,433	41	8,433	SOUTH DAKOTA	1,435	1,587,539
TEXAS	---	---	---	---	---	---	---	---	TEXAS	375	298,070
UTAH	260	371,373	---	---	3	2,860	263	374,233	UTAH	19,798	21,368,480
VIRGINIA	---	---	1	355	---	---	1	355	VIRGINIA	56	98,703
WASHINGTON	3	561	---	---	73	61,574	76	62,135	WASHINGTON	154	157,987
WEST VIRGINIA	---	---	---	---	---	---	---	---	WEST VIRGINIA	247	357,437
WISCONSIN	---	---	4	3,829	---	---	4	3,829	WISCONSIN	4	3,829
WYOMING	152	327,219	6	3,120	115	5,078,824	273	5,409,163	WYOMING	39,465	29,071,442
TOTAL 12/31/78	1,125	1,612,210	167	158,950	806	6,521,365	2,098	8,292,525	TOTAL 12/31/78	132,755	111,318,209
TOTAL 12/31/77	1,243	1,929,928	242	257,161	920	6,657,573	2,405	8,885,062	TOTAL 12/31/77	129,411	105,921,071
OUTER CONTINENTAL SHELF											
OFF ALABAMA	---	---	---	---	---	---	---	---	OFF ALABAMA	8	45,306
OFF ALASKA	---	---	---	---	---	---	---	---	OFF ALASKA	163	904,364
OFF CALIFORNIA	---	---	---	---	---	---	---	---	OFF CALIFORNIA	101	535,039
OFF FLORIDA	---	---	---	---	---	---	---	---	OFF FLORIDA	35	201,630
OFF LOUISIANA	---	---	1	2,495	---	---	1	2,495	OFF LOUISIANA	1,262	5,437,210
OFF MISSISSIPPI	---	---	---	---	---	---	---	---	OFF MISSISSIPPI	4	23,040
OFF TEXAS	---	---	---	---	---	---	---	---	OFF TEXAS	388	2,075,358
OFF ATLANTIC	---	---	---	---	---	---	---	---	OFF ATLANTIC	136	774,279
TOTAL 12/31/78	---	---	---	---	---	---	---	---	TOTAL 12/31/78	2,397	9,996,196
TOTAL 12/31/77	---	---	---	---	---	---	---	---	TOTAL 12/31/77	2,148	13,234,880
GRAND TOTAL											
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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY CONSERVATION DIVISION

OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED,
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION

YEARS	OIL AND GAS LEASES UNDER SUPERVISION								MINING LEASES UNDER SUPERVISION								GRAND TOTAL	
	PUBLIC		ACQUIRED		INDIAN a/		TOTAL		PUBLIC		ACQUIRED		INDIAN a/		TOTAL		GRAND TOTAL	
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE
12/31/40	6,658	7,994,748	-	-	4,160	638,361	10,818	8,633,109	678	352,555	-	-	155	40,140	833	392,695	11,651	9,025,804
12/31/45	7,831	5,451,637	-	-	4,895	569,345	12,726	6,020,932	569	453,009	-	-	240	41,227	809	494,236	13,535	6,515,218
12/31/50	34,871	27,187,034	555	604,326	6,820	1,021,205	42,246	28,812,565	913	958,225	91	21,633	248	42,136	1,252	1,021,994	43,498	29,834,559
12/31/55	97,818	72,296,632	3,692	3,572,628	11,552	3,316,597	113,062	79,185,857	1,126	1,519,129	258	146,176	722	1,144,293	2,106	2,809,598	115,168	81,995,455
					OUTER CONTINENTAL SHELF		606	2,351,732					OUTER CONTINENTAL SHELF		5	25,000	611	2,376,732
					GRAND TOTAL		113,668	81,537,589					GRAND TOTAL		2,111	2,834,598	115,779	84,372,187
12/31/59	137,137	110,801,213	6,553	4,741,836	12,465	4,439,626	156,155	119,982,675	2,922	5,209,074	340	205,693	816	2,309,212	4,078	7,723,979	160,233	127,706,654
					OUTER CONTINENTAL SHELF		384	1,465,106					OUTER CONTINENTAL SHELF		5	22,000	389	1,487,106
					GRAND TOTAL		156,539	121,447,781					GRAND TOTAL		4,083	7,745,979	160,622	129,193,760
12/31/60	136,062	109,317,405	6,611	4,697,078	11,877	4,355,353	154,550	118,369,836	2,228	3,744,777	304	202,562	749	2,107,192	3,281	6,054,531	157,831	124,424,367
					OUTER CONTINENTAL SHELF		464	1,968,820					OUTER CONTINENTAL SHELF		5	22,000	469	1,990,820
					GRAND TOTAL		155,014	120,338,656					GRAND TOTAL		3,286	6,076,531	158,300	126,415,187
12/31/64	103,027	67,140,338	7,557	5,093,126	10,539	3,941,818	121,123	76,175,282	1,453	1,919,736	195	124,728	681	5,165,628	2,329	7,210,092	123,452	83,385,374
					OUTER CONTINENTAL SHELF		975	4,365,921					OUTER CONTINENTAL SHELF		6	9,453	981	4,375,374
					GRAND TOTAL		122,098	80,541,203					GRAND TOTAL		2,335	7,219,545	124,433	87,760,748
12/31/65	98,999	62,685,327	7,694	4,980,007	10,436	3,963,572	117,129	71,628,906	1,707	2,255,713	345	321,795	663	1,352,459	2,715	3,929,967	119,844	75,558,873
					OUTER CONTINENTAL SHELF		931	4,120,417					OUTER CONTINENTAL SHELF		6	9,453	937	4,219,870
					GRAND TOTAL		118,060	75,749,323					GRAND TOTAL		2,721	3,939,420	120,781	79,688,743

a/ Except Osage

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY CONSERVATION DIVISION

OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED,
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION

(continued)

YEAR	OIL AND GAS LEASES UNDER SUPERVISION								MINING LEASES UNDER SUPERVISION								GRAND TOTAL	
	PUBLIC		ACQUIRED		INDIAN a/		TOTAL		PUBLIC		ACQUIRED		INDIAN a/		TOTAL			
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE		
12/31/66	95,501	58,009,475	7,661	4,697,148	9,530	3,465,712	112,692	66,172,335	1,862	2,558,589	364	344,006	640	1,353,081	2,866	4,255,676	115,558	70,428,011
				OUTER CONTINENTAL SHELF			927	4,024,183						OUTER CONTINENTAL SHELF	47	68,493	974	4,092,676
				GRAND TOTAL			113,619	70,196,518						GRAND TOTAL	2,913	4,324,169	116,532	74,520,687
12/31/67	90,797	53,597,281	7,602	4,227,394	8,677	3,240,191	107,076	61,064,866	1,876	2,511,338	497	510,352	892	2,298,008	3,265	5,319,698	110,341	66,384,564
				OUTER CONTINENTAL SHELF			842	3,544,829						OUTER CONTINENTAL SHELF	41	60,908	883	3,605,737
				GRAND TOTAL			107,918	64,609,695						GRAND TOTAL	3,306	5,380,606	111,224	69,990,301
12/31/68	95,506	59,281,821	8,781	5,257,031	9,120	3,288,927	113,407	67,827,779	1,802	2,389,005	530	4,936	1,057	4,368,852	3,389	7,307,793	116,796	75,135,572
				OUTER CONTINENTAL SHELF			1,006	4,329,441						OUTER CONTINENTAL SHELF	17	26,348	1,023	4,355,789
				GRAND TOTAL			114,413	72,157,220						GRAND TOTAL	3,406	7,334,141	117,819	79,491,361
12/31/69	99,047	63,341,395	9,351	5,827,105	9,082	3,299,553	117,480	72,468,053	1,897	2,486,844	473	511,775	918	3,515,719	3,288	6,514,338	120,768	78,982,391
				OUTER CONTINENTAL SHELF			1,004	4,287,037						OUTER CONTINENTAL SHELF	17	26,213	1,021	4,313,250
				GRAND TOTAL			118,484	76,755,090						GRAND TOTAL	3,305	6,540,551	121,789	83,295,641
12/31/70	97,464	61,334,749	9,379	6,110,721	9,150	3,321,492	115,993	70,766,962	1,570	2,465,592	463	527,453	805	1,494,856	2,838	4,487,901	118,831	75,254,863
				OUTER CONTINENTAL SHELF			1,005	4,261,661						OUTER CONTINENTAL SHELF	12	19,117	1,017	4,280,778
				GRAND TOTAL			116,998	75,028,623						GRAND TOTAL	2,850	4,507,018	119,848	79,535,641
12/31/71	94,092	61,244,430	9,155	6,083,951	9,537	3,299,523	112,784	70,627,904	1,411	2,248,807	333	334,302	804	3,332,218	2,548	5,915,327	115,332	76,343,231
				OUTER CONTINENTAL SHELF			1,072	4,584,718						OUTER CONTINENTAL SHELF	11	17,573	1,083	4,602,291
				GRAND TOTAL			113,856	75,212,622						GRAND TOTAL	2,559	5,932,900	116,415	81,145,522

a/ Except Osage

OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED,
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION (cont.)

28

PRODUCING LEASE STATUS
OIL AND GAS
All Lands

December 31, 1978

Land Category	Number	Acres
Public	11,229	6,137,194
Outer Continental Shelf	931	4,104,086
Acquired	641	309,829
Military & Miscellaneous	35	29,087
Indian	<u>3,136</u>	<u>1,117,891</u>
12/31/78 Total	<u>15,972</u>	<u>11,698,087</u>
12/31/77 Total	<u>15,115</u>	<u>11,101,472</u>
Increase	<u>857</u>	<u>596,615</u>
Percent Increase	<u>5.67%</u>	<u>5.37%</u>

PRODUCING LEASE STATUS
OIL AND GAS
AS OF DECEMBER 31, 1978

PUBLIC LAND			ACQUIRED LAND		
STATE	NO.	ACRES	STATE	NO.	ACRES
Alabama	1	39	Alabama	1	60
Alaska	34	63,081	Arkansas	44	22,817
Arizona	2	120	California	15	2,096
Arkansas	19	2,886	Colorado	16	5,474
California	317	73,196	Florida	1	1,895
Colorado	880	607,652	Illinois	2	20
Kansas	101	37,270	Kansas	74	15,854
Louisiana	64	15,681	Kentucky	4	6,883
Mississippi	4	187	Louisiana	22	15,494
Montana	907	497,939	Maryland	3	3,763
Nebraska	9	4,589	Michigan	12	4,061
Nevada	28	7,719	Mississippi	86	39,925
New Mexico	4,210	2,463,153	Montana	47	40,852
North Dakota	82	38,560	Nebraska	5	688
Oklahoma	367	48,732	New Mexico	7	937
South Dakota	10	5,742	North Dakota	106	67,160
Utah	544	454,907	Ohio	11	3,424
Wyoming	3,650	1,815,741	Oklahoma	76	22,298
			Texas	24	7,322
TOTAL PUBLIC	<u>11,229</u>	<u>6,137,194</u>	Utah	13	1,324
			Virginia	1	2,168
			West Virginia	21	27,618
			Wyoming	50	17,696
			TOTAL ACQUIRED	<u>641</u>	<u>309,829</u>

PRODUCING LEASE STATUS
OIL AND GAS
As of December 31, 1978

INDIAN LAND			MILITARY AND MISCELLANEOUS LAND		
STATE	NO.	ACRES	STATE	NO.	ACRES
Arizona	11	21,484	Arkansas	16	9,181
Colorado	97	135,010	Kentucky	2	890
Florida	1	2,560	Louisiana	6	12,689
Michigan	1	18	Nebraska	1	640
Montana	379	92,631	Oklahoma	3	3,408
New Mexico	392	477,855	Texas	7	2,279
North Dakota	19	3,812			
Oklahoma	1,541	136,357	TOTAL MILITARY		
South Dakota	3	739	& MISCELLANEOUS	35	29,087
Utah	600	196,308			
Wyoming	92	51,117			
TOTAL INDIAN	3,136	1,117,891			
			OUTER CONTINENTAL SHELF		
			STATE	NO.	ACRES
			California	24	121,672
			Louisiana	786	3,366,831
			Texas	121	615,583
			TOTAL OCS	931	4,104,086

PRODUCING OIL AND GAS LEASES
TOTAL OIL AND GAS LEASES
UNDER SUPERVISION
1921- 1978

Year ^{a/}	PUBLIC		O.C.S.		ACQUIRED		MILITARY		N.P.R.		INDIAN		GRAND TOTAL	
	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total
1921	124	2,727	-	-	-	-	-	-	-	-	-	-	124	2,727
1922	209	7,834	-	-	-	-	-	-	-	-	-	-	209	7,834
1923	278	11,433	-	-	-	-	-	-	-	-	-	-	278	11,433
1924	323	15,196	-	-	-	-	-	-	-	-	-	-	323	15,196
1925	346	18,555	-	-	-	-	-	-	-	-	-	-	346	18,555
1926	402	21,787	-	-	-	-	-	-	12	27	1,225	12,703	1,639	34,517
1927	438	25,595	-	-	-	-	-	-	12	27	1,270	12,008	1,720	37,630
1928	479	22,269	-	-	-	-	-	-	12	27	1,279	10,667	1,770	32,963
1929	511	16,039	-	-	-	-	-	-	12	27	1,297	10,773	1,820	26,839
1930	532	7,158	-	-	-	-	-	-	12	25	1,312	10,601	1,856	17,784
1931	585	5,788	-	-	-	-	-	-	12	25	1,217	9,253	1,814	15,066
1932	598	4,778	-	-	-	-	-	-	12	25	1,150	6,127	1,760	10,930
1933	618	5,251	-	-	-	-	-	-	12	24	1,036	4,459	1,666	9,734
1934	671	6,086	-	-	-	-	-	-	12	24	1,057	4,668	1,740	10,778
1935	700	7,339	-	-	-	-	-	-	12	24	1,030	4,812	1,742	12,175
1936	742	8,327	-	-	-	-	-	-	12	23	1,044	5,592	1,798	13,942
1937	777	9,052	-	-	-	-	-	-	12	22	986	5,342	1,775	14,416
1938	737	8,605	-	-	-	-	-	-	12	22	983	5,382	1,732	14,009
1939	720	8,560	-	-	-	-	-	-	12	22	1,049	4,984	1,781	13,566
1940	717	6,504	-	-	-	-	-	-	12	22	1,044	4,519	1,773	11,045
1941	730	5,325	-	-	-	-	-	-	12	22	1,043	4,123	1,785	9,470
1942	737	4,329	-	-	-	-	-	-	12	22	1,040	4,283	1,789	8,634
1943	761	5,162	-	-	-	-	-	-	12	21	1,037	4,221	1,810	9,404
1944	907	6,075	-	-	-	-	-	-	12	21	1,073	4,573	1,992	10,669
1945	1,193	7,810	-	-	-	-	-	-	12	21	1,015	4,895	2,220	12,555
1946	1,489	9,847	-	-	10	161	-	-	12	21	1,041	5,357	2,552	15,505
1947	1,775	10,917	-	-	12	162	-	-	12	21	1,060	5,864	2,859	16,964
1948	1,891	18,199	-	-	14	257	-	-	12	21	1,036	6,242	2,953	24,719
1949	1,992	23,628	-	-	27	480	-	-	12	17	1,040	6,442	3,071	30,567

PRODUCING OIL AND GAS LEASES
TOTAL OIL AND GAS LEASES
UNDER SUPERVISION

1921 - 1978

Year ^{a/}	PUBLIC		O.C.S.		ACQUIRED		MILITARY		N.P.R.		INDIAN		GRAND TOTAL	
	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total
1950	2,125	34,769	74 ^{b/}	85 ^{b/}	34	555	-	-	12	17	1,067	6,820	3,312	42,246
1951	2,262	50,992	-	-	42	1,047	-	-	12	17	1,097	7,289	3,413	59,345
1952	2,525	70,511	-	-	56	1,644	-	-	13	17	1,136	7,869	3,730	80,041
1953	2,849	83,349	-	-	54	2,495	8	12	13	17	1,235	9,182	4,159	95,055
1954	3,192	92,597	58	478	80	3,050	8	12	13	17	1,381	10,615	4,732	106,769
1955	3,508	97,801	108	606	87	3,682	8	10	13	17	1,505	11,552	5,229	113,668
1956	3,783	104,637	171	557	104	4,408	10	15	13	17	1,647	11,374	5,728	121,008
1957	4,156	111,349	213	416	119	4,856	14	16	13	17	1,780	11,963	6,295	128,617
1958	4,584	122,791	230	387	143	5,932	15	16	13	17	1,852	12,260	6,837	141,403
1959	4,920	137,120	272	384	251	6,537	15	16	12	17	1,874	12,465	7,344	156,539
1960	5,064	136,045	293	464	284	6,592	17	19	12	17	1,894	11,877	7,564	155,014
1961	5,623	133,788	309	457	298	6,571	21	21	12	17	1,982	11,366	8,245	152,220
1962	6,074	124,786	326	846	332	7,161	21	22	12	17	2,027	11,068	8,792	143,900
1963	6,292	110,090	357	881	369	6,744	22	22	12	17	2,103	10,719	9,155	128,473
1964	6,498	103,010	369	975	415	7,535	22	22	12	17	2,146	10,539	9,462	122,098
1965	6,764	98,982	419	931	452	7,666	24	28	12	17	2,173	10,436	9,844	118,060
1966	6,909	95,484	482	927	481	7,636	23	25	12	17	2,213	9,530	10,120	113,619
1967	7,122	90,780	519	842	498	7,571	27	31	12	17	2,306	8,677	10,484	107,918
1968	7,739	95,489	531	1,006	518	8,753	26	28	12	17	2,301	9,120	11,127	114,413
1969	8,002	99,030	561	1,004	518	9,322	26	29	12	17	2,292	9,082	11,411	118,484
1970	8,260	97,447	601	1,005	520	9,341	27	38	11	17	2,317	9,150	11,736	116,998
1971	8,413	94,075	642	1,072	515	9,118	30	37	12	17	2,315	9,537	11,927	113,856
1972	8,710	94,204	691	1,014	526	9,239	31	43	12	17	2,361	9,655	12,331	114,172
1973	8,943	94,937	719	1,258	548	10,452	36	40	12	17	2,414	10,315	12,672	117,019
1974	9,311	101,167	741	1,582	567	11,254	38	40	12	17	2,458	11,174	13,127	125,234
1975	9,704	102,085	790	1,784	558	11,752	37	39	13	17	2,649	11,827	13,751	127,504
1976	10,141	101,368	833	1,993	566	11,136	42	42	-	-	2,792	13,271	14,374	127,810
1977	10,704	103,053	896	2,146	600	11,130	36	40	-	-	2,879	12,783	15,115	129,152
1978	11,229	104,385	931	2,096	641	11,367	35	37	-	-	3,136	14,868	15,972	132,753

^{a/} Fiscal years ended June 30, 1921-1943; calendar years ended December 31, 1944 to date.

Naval Petroleum Reserve and Indian lease data not available for earlier years. Some producing leases are estimated.

^{b/} Tide and Submerged, California. ^{c/} Transferred to the Dept. of Navy October 1, 1976.

PRODUCIBLE AND NONPRODUCING
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31) STATE	PRODUCIBLE		NONPRODUCING		TOTAL	
	Number	Acreage	Number	Acreage	Number	Acreage
<u>PUBLIC LAND</u>						
<u>1974</u>						
California	--	--	19	22,448	19	22,448
Nevada	--	--	1	1,852	1	1,852
Oregon	--	--	1	1,347	1	1,347
Utah	--	--	12	25,355	12	25,355
TOTAL PUBLIC	--	--	33	51,002	33	51,002
<u>PUBLIC LAND</u>						
<u>1975</u>						
Arizona	--	--	4	6,507	4	6,507
California	5	6,125	20	23,429	25	29,554
Colorado	--	--	27	29,947	27	29,947
Idaho	--	--	56	93,631	56	93,631
Nevada	--	--	238	446,824	238	446,824
New Mexico	--	--	57	124,697	57	124,697
Oregon	--	--	27	53,650	27	53,650
Utah	1	2,463	113	196,372	114	198,835
TOTAL PUBLIC	6	8,588	542	975,057	548	983,645
<u>INDIAN LAND</u>						
California	--	--	2	600	2	600
Nevada (Permit)	--	--	2	285,580	2	285,580
TOTAL INDIAN	--	--	4	286,180	4	286,180
GRAND TOTAL 1975	6	8,588	546	1,261,237	552	1,269,825

PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31)	TOTAL		TOTAL		TOTAL	
STATE	Number	Acreage	Number	Acreage	Number	Acreage
<u>PUBLIC LAND</u>						
1976						
Arizona	--	--	4	5,408	4	5,408
California	7	9,594	29	43,763	36	53,357
Colorado	--	--	36	39,519	36	39,519
Idaho	--	--	85	140,380	85	140,380
Montana	--	--	6	8,445	6	8,445
Nevada	--	--	360	591,880	360	591,880
New Mexico	--	--	86	153,320	86	153,320
Oregon	--	--	84	126,087	84	126,087
Utah	1	2,463	209	339,535	210	341,998
Wyoming	--	--	4	7,448	4	7,448
TOTAL PUBLIC	8	12,057	903	1,455,785	911	1,467,842
<u>INDIAN LAND</u>						
California	--	--	2	600	2	600
Nevada (Permit)	--	--	2	291,590	2	291,590
TOTAL INDIAN	--	--	4	292,190	4	292,190
GRAND TOTAL 1976	8	12,057	907	1,747,975	915	1,760,032

PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31) STATE	PRODUCIBLE		NONPRODUCING		TOTAL	
	Number	Acreage	Number	Acreage	Number	Acreage
<u>1977</u>						
	<u>PUBLIC LAND</u>					
Arizona	--	--	5	7,148	5	7,148
California	7	9,594	28	39,288	35	48,882
Colorado	--	--	28	34,404	28	34,404
Idaho	--	--	128	221,131	128	221,131
Montana	--	--	6	10,687	6	10,687
Nevada	--	--	406	697,254	406	697,254
New Mexico	--	--	89	159,446	89	159,446
Oregon	--	--	125	191,035	125	191,035
Utah	1	2,463	233	399,333	234	401,796
Wyoming	--	--	4	7,448	4	7,448
TOTAL PUBLIC	8	12,057	1,052	1,767,174	1,060	1,779,231
	<u>INDIAN LAND</u>					
California	--	--	2	600	2	600
Nevada (Permit)	--	--	2	291,590	2	291,590
TOTAL INDIAN	--	--	4	292,190	4	292,190
GRAND TOTAL 1977	8	12,057	1,056	2,059,364	1,064	2,071,421

PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31) STATE	PRODUCIBLE		NONPRODUCING		TOTAL	
	Number	Acreage	Number	Acreage	Number	Acreage
<u>1978</u>						
<u>PUBLIC LAND</u>						
Arizona	--	--	5	7,148	5	7,148
California	7	9,512	39	52,891	46	62,403
Colorado	-	-	24	31,200	24	31,200
Idaho	--	--	178	319,091	178	319,091
Montana	--	--	6	10,687	6	10,687
Nevada	--	--	400	686,276	400	686,276
New Mexico	--	--	94	166,654	94	166,654
Oregon	--	--	145	227,085	145	227,085
Utah	3	6,985	247	412,953	250	419,938
Virginia	--	--	11	19,774	11	19,774
Wyoming	--	--	4	7,448	4	7,448
TOTAL PUBLIC	10	16,497	1,153	1,941,207	1,163	1,957,704
<u>INDIAN LAND</u>						
California	--	--	2	600	2	600
Nevada (Permit)	--	--	1	79,590	1	79,590
TOTAL INDIAN	--	--	3	80,190	3	80,190
GRAND TOTAL 1978	10	16,497	1,156	2,021,397	1,166	2,037,894

Part 3

FEDERAL AND INDIAN LANDS
DEVELOPMENT

Drilling operations on Federal and Indian leases are conducted in accordance with the Regulations, 30 CFR 221, 30 CFR 250, and OCS Orders.

During the year, 3,834 new wells were started and 2,417 oil and gas producible zones were completed. On December 31, 1978, there were 43,557 producible oil and gas zones.

On December 31, 1978, there were 1,168 unit agreements in effect. A unit agreement is defined as an agreement or plan of development and operation for the recovery of oil and gas from leases made subject thereto without regard to separate ownerships and for the allocation of costs and benefits on the basis defined in the agreement or plan.

WELL ACTIVITY
All Lands
As of December 31, 1978

LAND CATEGORY	NEW WELLS STARTED	WELLS COMPLETED	Producible Zone Completions				DRY HOLES, FAILURES, ABANDONED
			OIL	GAS	SERVICE INP. - DISP.		
Public	2,210	1,441	670	793	52	623	
Outer Continental Shelf	1,144	439	221	375	20	334	
Acquired	101	39	18	21	-	47	
Military & Miscellaneous	5	2	2	-	1	1	
Indian	374	310	150	167	20	73	
TOTAL ALL LANDS	3,834	2,281	1,061	1,356	93	1,078	

WELL ACTIVITY
PUBLIC LANDS
As of December 31, 1978

STATE	NEW WELLS STARTED	WELLS COMPLETED	Producibile Zone Completions				DRY HOLES, FAILURES, ABANDONED
			OIL	GAS	SERVICE		
					INP.	-	DISP.
Alaska	1	-	-	-	-	-	-
Arkansas	1	-	-	-	-	-	-
California	124	125	105	-	20	-	8
Colorado	194	143	25	118	-	-	43
Idaho	3	-	-	-	-	-	2
Kansas	13	15	9	6	-	-	-
Louisiana	4	5	-	5	-	-	-
Montana	105	32	7	23	2	-	53
North Dakota	9	6	6	-	-	-	2
Nebraska	12	1	1	-	-	-	4
New Mexico	826	641	212	462	3	-	116
Nevada	18	7	7	-	-	-	9
Oklahoma	3	2	3	1	-	-	1
South Dakota	20	8	8	-	-	-	13
Utah	157	82	21	62	-	-	42
Wyoming	720	374	266	116	27	-	330
Total Public Lands	2,210	1,441	670	793	52	-	623

WELL ACTIVITY
OUTER CONTINENTAL SHELF
As of December 31, 1978

STATE	NEW WELLS STARTED	WELLS COMPLETED	Producible Zone Completions				DISP.	DRY HOLES, FAILURES, ABANDONED
			OIL	GAS	INP.	SERVICE -		
Alaska	-	-	-	-	-	-	-	1
Atlantic	13	-	-	-	-	-	-	6
California	34	11	11	-	-	-	-	18
Louisiana	815	453	196	358	-	20	-	187
MAFLA	19	9	12	1	-	-	-	9
Texas	263	16	2	16	-	-	-	113
Total	1,144	489	221	375	-	20	-	334

WELL ACTIVITY
Acquired Lands
As of December 31, 1978

STATE	NEW WELLS STARTED	WELLS COMPLETED	Producibile Zone Completions				DRY HOLES, FAILURES, ABANDONED	
			OIL	GAS	SERVICE			
					INP.	-	DISP.	
Alabama	2	-	-	-	-	-	-	1
Arkansas	8	-	-	-	-	-	-	5
Arizona	1	-	-	-	-	-	-	-
Colorado	6	7	1	6	-	-	-	-
Florida	-	-	-	-	-	-	-	1
Louisiana	4	1	-	1	-	-	-	3
Michigan	5	1	1	-	-	-	-	5
Mississippi	12	-	-	-	-	-	-	11
Montana	18	11	-	11	-	-	-	5
North Dakota	33	11	11	-	-	-	-	12
New Mexico	1	-	-	-	-	-	-	1
Oklahoma	3	2	2	-	-	-	-	2
Texas	7	5	2	3	-	-	-	1
Wyoming	1	1	1	-	-	-	-	-
Total Acquired	101	39	18	21	-	-	-	47

WELL ACTIVITY
Military & Miscellaneous
As of December 31, 1978

STATE	NEW WELLS STARTED	WELLS COMPLETED	Producibile Zone Completions				SERVICE INP. - DISP.	DRY HOLES, FAILURES, ABANDONED
			OIL	GAS				
Oklahoma	5	2	2	-		-		1
Total Military & Miscellaneous	5	2	2	-		-		1

WELL ACTIVITY
Indian Lands
As of December 31, 1978

STATE	NEW WELLS STARTED	WELLS COMPLETED	Producibile Zone Completions				DRY HOLES, FAILURES, ABANDONED	:
			OIL	GAS	SERVICE INP.	- DISP.		
Arizona	6	5	3	-	-	-	-	:
Colorado	42	35	-	42	-	-	1	:
Montana	28	15	10	6	-	-	10	:
New Mexico	128	113	40	83	11	-	22	:
Oklahoma	78	60	32	26	2	-	22	:
Utah	36	35	32	2	1	-	1	:
Wyoming	56	47	33	8	6	-	17	:
TOTAL INDIAN	374	310	150	167	20	-	73	:

W E L L A C T I V I T Y
TOTAL ALL LANDS
1920 -- 1978

: Year :	New Wells Started :	Wells Completed :	Producibile Zone Completions :			Dry Holes, Failures, Abandoned :
			Oil :	Gas :	Service Inp.-Disp. :	
1920-1921	782	332	315	17	-	10
1922	787	300	282	18	-	15
1923	320	278	253	25	-	20
1924	618	598	568	30	-	18
1925	194	713	701	12	-	45
1926	965	473	459	14	-	67
1927	1,228	385	375	10	-	70
1928	1,152	555	543	12	-	55
1929	764	455	406	49	-	49
1930	5,916	5,709	5,460	249	-	55
1931	744	325	289	36	-	143
1932	745	265	257	8	-	118
1933	1,394	599	593	6	-	116
1934	657	394	382	12	-	294
1935	723	261	250	11	-	270
1936	683	545	511	34	-	199
1937	784	595	562	33	-	242
1938	624	509	462	47	-	197
1939	814	466	440	26	-	333
1940	736	635	594	41	-	187
1941	645	492	439	53	-	185
1942	633	496	460	36	-	148
1943	571	448	393	55	-	140
1944	750	510	456	54	-	240
1945	1,058	879	814	65	-	283
1946	778	594	512	82	-	252
1947	1,015	760	670	90	-	297
1948	1,280	941	801	140	-	434
1949	1,063	730	632	98	-	426
1950	1,105	746	618	128	-	400

Note: 1930 Indian Land includes well activity prior to 1930.

W E L L A C T I V I T Y

Total All Lands

1920 ---- 1978

Year	New	Wells	Producibile Zone Completions			Dry Holes,
	Wells	Completed	Service			Failures,
	Started		Oil	Gas	Inp.-Disp.	Abandoned
1951	1,450	878	744	134	-	461
1952	1,528	902	703	199	-	493
1953	1,689	1,016	751	265	-	533
1954	2,101	1,466	1,059	407	-	549
1955	2,129	1,396	983	413	-	633
1956	2,775	1,732	1,043	689	-	818
1957	3,056	2,031	1,330	701	-	925
1958	3,022	2,088	1,456	632	-	985
1959	3,122	2,096	1,513	583	-	914
1960	3,411	2,427	1,798	629	-	1,112
1961	3,363	2,474	1,688	738	48	1,116
1962	3,128	2,436	1,637	732	67	1,133
1963	2,853	2,115	1,429	610	76	1,106
1964	3,061	2,282	1,591	523	168	1,579
1965	3,181	2,073	1,540	483	255	1,669
1966	2,946	1,812	1,467	585	83	1,884
1967	3,044	1,748	1,447	420	156	1,622
1968	3,568	1,840	1,586	455	123	2,156
1969	3,446	1,900	1,574	481	131	2,009
1970	2,665	1,688	1,510	500	54	1,631
1971	2,492	1,290	982	511	54	1,782
1972	2,803	1,383	966	554	57	1,875
1973	2,668	1,552	811	889	72	1,692
1974	3,128	1,590	927	734	78	2,565
1975	3,159	1,981	1,148	883	124	2,099
1976	3,073	1,789	1,053	800	68	1,026
1977	3,777	2,291	1,192	1,180	96	985
1978	3,834	2,281	1,061	1,356	93	1,078

NOTE: Well Activity is on a fiscal year basis for 1921-1963 and a calendar year basis beginning with 1964. 1921-1950 includes some estimated data. 1930 includes Well Activity for Indian Land prior years. Well completions equal hole completions beginning with Calendar Year 1966. The producible oil and gas and service completions represent the various horizontal zone completions in each well completed. E.g., during the year 1978 there were 2,511 zones completed in 2,281 wells completed.

W E L L A C T I V I T Y
PUBLIC LAND
1920 - 1978

: : :	: : :	: : :	: : :	: <u>Producible Zone Completions</u> :			: Dry Holes, :
Year	New Wells Started	Wells Completed	:	: Oil	: Gas	: Service Inp.-Disp.	: Failures, : Abandoned :
1920-1921	782	332		315	17	-	10
1922	787	300		282	18	-	15
1923	320	278		253	25	-	20
1924	618	598		568	30	-	18
1925	194	713		701	12	-	45
1926	439	82		72	10	-	57
1927	1,209	356		349	7	-	65
1928	1,051	472		465	7	-	52
1929	738	428		385	43	-	47
1930	62	155		146	9	-	35
1931	111	149		113	36	-	103
1932	79	39		31	8	-	78
1933	80	53		47	6	-	66
1934	144	89		77	12	-	216
1935	203	120		109	11	-	170
1936	226	181		178	13	-	123
1937	333	257		243	14	-	110
1938	362	316		285	31	-	119
1939	325	224		212	12	-	96
1940	468	361		331	30	-	144
1941	417	356		312	44	-	143
1942	402	332		303	29	-	99
1943	383	314		270	44	-	96
1944	496	350		317	33	-	173
1945	555	437		394	43	-	203
1946	536	411		350	61	-	166
1947	591	460		380	80	-	170
1948	814	638		536	102	-	274
1949	745	565		476	89	-	321
1950	780	550		437	113	-	252

W E L L A C T I V I T Y
PUBLIC LAND
1920 - 1978

Year	New	Wells	Producibile Zone Completions			Dry Holes,
	Wells	Completed	Service			Failures,
	Started		Oil	Gas	Inp.-Disp.	Abandoned
1951	1,061	661	539	122	-	317
1952	1,120	644	472	172	-	374
1953	1,218	710	482	228	-	388
1954	1,534	1,104	735	369	-	410
1955	1,448	957	633	324	-	433
1956	1,798	1,154	641	513	-	530
1957	1,917	1,256	790	466	-	585
1958	1,820	1,244	825	419	-	587
1959	1,702	1,077	683	394	-	613
1960	2,014	1,300	868	432	-	763
1961	2,130	1,425	926	490	9	726
1962	1,931	1,272	824	448	-	756
1963	1,719	1,130	733	393	4	694
1964	1,746	1,195	821	304	70	882
1965	1,738	1,210	773	281	156	875
1966	1,536	1,049	696	328	69	891
1967	1,650	1,093	788	247	91	805
1968	2,091	1,163	885	220	79	1,380
1969	1,969	1,142	854	259	77	1,255
1970	1,444	901	696	186	26	961
1971	1,307	738	497	225	27	945
1972	1,627	868	537	317	40	1,037
1973	1,575	967	425	519	54	902
1974	1,942	1,048	550	510	43	1,705
1975	1,833	1,302	698	535	103	1,301
1976	1,576	1,040	599	422	49	550
1977	2,079	1,368	675	652	79	517
1978	2,210	1,441	670	793	52	623

W E L L A C T I V I T Y
O U T E R C O N T I N E N T A L S H E L F
1954 - 1978

Year	New	Wells	Producibile Zone Completions			Dry Holes,
	Wells	Completed	Service			Failures,
	Started		Oil	Gas	Inp.-Disp.	Abandoned
1954	5	5	3	2	-	2
1955	148	90	59	31	-	45
1956	230	123	98	25	-	87
1957	322	177	133	44	-	109
1958	304	225	174	51	-	126
1959	278	210	162	48	-	72
1960	403	425	333	92	-	106
1961	461	462	337	125	-	114
1962	453	539	409	130	-	135
1963	537	516	421	95	-	210
1964	688	612	507	102	3	241
1965	809	427	538	94	-	290
1966	823	415	528	143	2	464
1967	868	350	455	102	9	359
1968	995	436	550	166	7	349
1969	923	435	520	125	5	446
1970	900	605	681	266	13	357
1971	841	407	393	240	7	449
1972	847	338	306	180	10	448
1973	820	420	304	288	8	506
1974	816	310	226	155	17	547
1975	882	392	225	277	13	546
1976	1,041	432	264	258	8	349
1977	1,158	528	292	347	12	355
1978	1,144	489	221	375	20	334

W E L L A C T I V I T Y
ACQUIRED LAND
1948 - 1978

Year	New Wells Started	Wells Completed	Producible Zone Completions		Service Inp.-Disp.		Dry Holes, Failures, Abandoned
			Oil	Gas			
1948	120	93	83	10	-		5
1949	34	15	15	-	-		10
1950	44	27	25	2	-		16
1951	54	32	30	2	-		19
1952	69	55	38	17	-		13
1953	56	26	21	5	-		25
1954	63	29	21	8	-		38
1955	18	4	2	2	-		14
1956	39	12	9	3	-		19
1957	95	37	33	4	-		52
1958	64	36	22	14	-		42
1959	97	41	22	19	-		56
1960	81	28	20	8	-		62
1961	95	47	36	11	-		57
1962	84	27	21	6	-		60
1963	99	45	34	9	2		51
1964	178	78	65	12	1		118
1965	200	84	59	12	13		138
1966	222	108	86	25	2		128
1967	131	41	40	2	2		107
1968	160	50	40	7	4		136
1969	145	33	30	3	1		127
1970	72	13	11	-	2		89
1971	69	16	8	6	2		92
1972	59	12	9	1	2		78
1973	47	15	12	3	1		81
1974	60	19	8	12	1		90
1975	72	25	16	12	3		65
1976	65	26	14	13	1		36
1977	80	32	17	16	1		15
1978	101	39	18	21	-		47

W E L L A C T I V I T Y
M I L I T A R Y L A N D
1953 - 1978

Year	New Wells Started	Wells Completed	Producibile Zone Completions			Dry Holes, Failures, Abandoned
			Oil	Gas	Service Inp.-Disp.	
1953	-	2	-	2	-	-
1954	1	2	1	1	-	-
1955	3	3	-	3	-	-
1956	8	7	3	4	-	-
1957	10	6	5	1	-	2
1958	12	22	21	1	-	-
1959	10	18	16	2	-	-
1960	37	20	19	1	-	-
1961	36	39	15	21	3	-
1962	58	133	63	52	18	2
1963	19	30	17	9	4	-
1964	20	24	22	2	-	6
1965	6	3	1	2	-	4
1966	4	4	3	-	1	3
1967	5	5	3	2	1	2
1968	4	3	-	3	-	4
1969	-	-	-	-	-	2
1970	5	1	-	2	-	3
1971	3	2	-	2	-	6
1972	11	4	1	4	-	28
1973	4	5	-	7	-	7
1974	2	1	-	2	-	7
1975	7	1	-	1	-	5
1976	4	7	3	5	-	1
1977	7	6	2	7	1	3
1978	5	2	2	-	-	1

W E L L A C T I V I T Y
NAVAL PETROLEUM RESERVE
1920 - 1978

: Year :	New Wells Started :	Wells Completed :	Producible Zone Completions :		Service Inp.-Disp. :	Dry Holes, Failures, Abandoned :
			Oil :	Gas :		
1920-1926	526	391	387	4	-	10
1927	19	29	26	3	-	5
1928	101	83	78	5	-	3
1929	26	27	21	6	-	2
1930	8	-	-	-	-	-
1931	3	3	3	-	-	10
1932	-	-	-	-	-	-
1933	4	3	3	-	-	-
1934	8	5	5	-	-	18
1935	14	10	10	-	-	30
1936	5	6	5	1	-	-
1937	12	11	11	-	-	24
1938	7	8	8	-	-	2
1939	1	2	2	-	-	-
1940	-	-	-	-	-	-
1941	-	-	-	-	-	-
1942	-	-	-	-	-	-
1943	5	20	20	-	-	1
1944	5	2	2	-	-	-
1945	309	298	296	2	-	8
1946	30	28	28	-	-	9
1947	20	19	19	-	-	5
1948	10	9	9	-	-	1
1949	2	2	2	-	-	-
1950	1	1	1	-	-	-
1951	1	1	1	-	-	-
1952	11	9	9	-	-	-
1953	19	17	17	-	-	1
1954	9	7	7	-	-	3
1955	11	12	12	-	-	-

W E L L A C T I V I T Y
NAVAL PETROLEUM RESERVE
1920 - 1978

: Year :	New Wells Started :	wells Completed :	: <u>Producibile Zone Completions</u> :			: Dry Holes, :
:	:	:	Oil :	Gas :	Service Inp.-Disp. :	Failures, Abandoned :
1956	14	14	14	-	-	-
1957	10	9	9	-	-	-
1958	13	12	12	-	-	-
1959	26	23	23	-	-	1
1960	12	12	12	-	-	-
1961	8	8	8	-	-	-
1962	94	70	68	2	-	2
1963	9	8	8	-	-	-
1964	13	13	13	-	-	1
1965	8	8	7	-	1	-
1966	16	18	17	-	-	2
1967	19	19	4	-	25	3
1968	5	3	2	1	-	2
1969	10	8	8	-	-	1
1970	13	14	13	1	-	-
1971	3	2	2	-	-	1
1972	1	1	1	-	-	-
1973	-	-	-	-	-	1
1974	-	-	-	-	-	2
1975	5	4	4	-	-	-
1976	5	4	4	-	-	-
1977 - 1978	-	-	-	-	-	-

NOTE: Earlier years include NPR Nos. 1, 2, 3, and 4; 1955 and subsequent years are for NPR No. 2 only.

On October 1, 1976, the supervisory function of the Naval Petroleum Reserve No. 2 was transferred to the Department of the Navy.

W E L L A C T I V I T Y
INDIAN LAND
1930 - 1978

: Year	: New Wells Started	: Wells Completed	: Producing Zone Completions	: Service Inp.-Disp.	: Dry Holes, Failures, Abandoned
			Oil	Gas	
1930 ^{a/}	5,846	5,554	5,314	240	-
1931	630	173	173	-	-
1932	666	226	226	-	-
1933	1,310	543	543	-	-
1934	505	300	300	-	-
1935	506	131	131	-	-
1936	452	348	328	20	-
1937	439	327	308	19	-
1938	255	185	169	16	-
1939	488	240	226	14	-
1940	268	274	263	11	-
1941	228	136	127	9	-
1942	231	164	157	7	-
1943	183	114	103	11	-
1944	249	158	137	21	-
1945	194	144	124	20	-
1946	212	155	134	21	-
1947	404	281	271	10	-
1948	336	201	173	28	-
1949	282	148	139	9	-
1950	280	168	155	13	-
1951	334	184	174	10	-
1952	328	194	184	10	-
1953	396	261	231	30	-
1954	489	319	292	27	-
1955	501	330	277	53	-
1956	686	422	278	144	-
1957	702	546	360	186	-
1958	809	549	402	147	-

^{a/} Includes well activity prior to 1930.

W E L L A C T I V I T Y
INDIAN LAND

1930 - 1978

Year	New	Wells	Producible Zone Completions			Dry Holes,
	Wells	Completed	Service			Failures,
	Started		Oil	Gas	Inp.-Disp.	Abandoned
1959	1,009	727	607	120	-	172
1960	864	642	546	96	-	181
1961	633	493	366	91	36	219
1962	508	395	252	94	49	178
1963	470	386	216	104	66	151
1964	416	360	163	103	94	331
1965	420	341	162	94	85	362
1966	345	218	137	89	9	396
1967	371	240	157	67	28	346
1968	313	185	109	58	33	285
1969	399	282	162	94	48	286
1970	231	154	109	45	13	221
1971	269	125	82	38	18	289
1972	258	160	112	52	5	284
1973	222	145	70	72	9	195
1974	308	212	143	55	17	214
1975	360	257	205	58	5	182
1976	382	280	169	102	10	90
1977	453	357	206	158	3	95
1978	374	310	150	167	20	73

GEOTHERMAL

WELL ACTIVITY

:	New		Producible Zone Completions			Dry Holes, :
: Year	Wells	Wells			Service	Failures, :
: State	Started	Completed	Water	Steam	Inp.-Disp.	Abandoned :
Public Land						
1974						
California	1	-	-	-	-	-
1975						
California	9	7	1	6	-	-
Utah	4	2	1	-	1	-
Total	13	9	2	6	1	-
1976						
Utah	-	1	1	-	-	-
1977						
California	2	1	1	-	-	1
Nevada	2	-	-	-	-	-
Utah	2	1	1	-	1	-
Total	6	2	2	-	1	1
1978						
California	4	2	1	-	1	-
Nevada	1	-	-	-	-	-
Utah	-	1	-	-	1	-
Total	5	3	1	-	2	-

W E L L S T A T U S
ALL LANDS
As of December 31, 1978

LAND CATEGORY	NEW WELLS DRILLING		WELLS COM- PLETED	PRODUCIBLE ZONE COMPLETIONS						SERV. INP. DISP.	ALL OTHER WELLS NOT P&A	WELLS P&A	TOTAL WELLS
	ACT.	SUSP'D		ACTIVE		SHUT-IN		TOTAL ACT. & SHUT-IN					
				OIL	GAS	OIL	GAS						
Public	757	141	31,419	16,845	10,361	168	870	28,244	4,641	5,940	25,035	63,292	
Outer Continental Shelf	117	472	8,433	3,397	2,615	1,071	742	7,825	382	-	7,141	16,163	
Acquired	28	5	775	476	100	13	63	652	171	312	1,911	3,031	
Military & Miscellaneous	2	-	204	112	155	12	9	288	41	30	81	317	
Indian	115	25	7,642	4,169	2,268	43	68	6,548	1,530	1,076	5,690	14,548	
Total All Lands	<u>1,319</u>	<u>643</u>	<u>48,473</u>	<u>24,999</u>	<u>15,499</u>	<u>1,307</u>	<u>1,752</u>	<u>43,557</u>	<u>6,765</u>	<u>7,358</u>	<u>39,858</u>	<u>97,351</u>	

W E L L S T A T U S
P U B L I C L A N D S
As of December 31, 1978

As of December 31, 1978												
STATE	NEW WELLS DRILLING		WELLS COM- PLETED	PRODUCIBLE ZONE COMPLETIONS				TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	ALL OTHER WELLS NOT P&A	WELLS P&A	TOTAL WELLS
	ACT.	SUSP'D		ACTIVE		SHUT-IN						
				OIL	GAS	OIL	GAS					
Alaska	1	1	114	51	51	9	9	120	17	9	144	269
Alabama	-	-	-	-	-	-	-	-	-	1	-	1
Arkansas	2	-	3	-	5	-	-	5	-	-	8	13
Arizona	-	1	-	-	-	-	-	-	-	4	76	81
California	9	1	3,868	3,557	16	32	-	3,605	265	711	2,148	6,737
Colorado	128	3	1,471	525	550	15	252	1,342	147	453	1,975	4,030
Idaho	1	-	-	-	-	-	-	-	-	2	18	21
Illinois	-	-	-	-	-	-	-	-	-	-	1	1
Kansas	7	-	106	33	60	-	4	97	9	11	23	147
Louisiana	-	-	91	69	12	2	3	86	12	12	85	188
Michigan	-	-	-	-	-	-	-	-	-	1	3	4
Mississippi	-	-	1	3	-	-	-	3	-	-	9	10
Montana	24	45	1,281	517	295	1	240	1,053	243	559	1,782	3,691
North Dakota	6	-	113	65	22	3	-	90	23	27	30	176
Nebraska	1	-	11	7	2	-	1	10	1	8	16	36
New Mexico	240	43	13,953	5,192	7,948	8	111	13,259	1,473	1,421	6,058	21,715
Nevada	-	4	30	18	-	8	-	26	4	25	145	204
Oklahoma	2	1	164	87	56	3	5	151	22	18	175	360
Oregon	-	-	-	-	-	-	-	-	-	-	11	11
South Dakota	1	1	7	7	-	-	-	7	-	14	97	120
Utah	67	13	975	463	287	5	91	846	184	262	1,624	2,941
Wyoming	268	28	9,231	6,251	1,057	82	154	7,554	2,241	2,402	10,607	22,536
Total Public	757	141	31,419	16,845	10,361	168	870	28,244	4,641	5,940	25,035	63,279

WELL STATUS
OUTER CONTINENTAL SHELF

YEAR, STATE	PRODUCIBLE ZONE COMPLETIONS								ALL		TOTAL WELLS	
	NEW WELLS DRILLING		WELLS COM- PLETED	TOTAL				SERV. INP. DISP.	OTHER WELLS NOT P&A			
	ACT.	SUSP'D		ACTIVE		SHUT-IN						
				OIL	GAS	OIL	GAS					
1978												
Alaska	1	-	-	-	-	-	-	-	-	-	21	22
Atlantic	7	-	-	-	-	-	-	-	-	-	8	15
California	4	6	224	202	-	22	-	224	22	-	176	410
MAFLA	1	5	34	29	2	8	1	40	-	-	94	134
Louisiana	85	339	7,758	3,149	2,425	1,013	654	7,241	357	-	6,034	14,216
Oregon	-	-	-	-	-	-	-	-	-	-	8	8
Texas	19	122	417	17	188	28	87	320	3	-	796	1,354
Washington	-	-	-	-	-	-	-	-	-	-	4	4
TOTAL	117	472	8,433	3,397	2,615	1,071	742	7,825	382	-	7,141	16,163

1978

	OTHER ZONE COMPLETIONS		
	Louisiana	Texas	Total
SHUT-IN RESTORABLE COMPLETIONS - UNDETERMINED HYDROCARBONS.	-	-	-
SHUT-IN NON-RESTORABLE COMPLETIONS	3,247	76	3,323
TOTAL	3,247	76	3,323

NOTE: 1978 statistics were calculated, in part, from the computerized Well Status and Production System (WSPS). Well data formerly included in the "All Other Wells Not P&A" category are not included within either the "Wells Completed" category or the "New Units Drilling Suspended" category.

MAFLA = Mississippi, Alabama, Florida

W E L L S T A T U S
ACQUIRED LANDS
As of December 31, 1978

STATE	NEW WELLS DRILLING		WELLS COM- PLETED	PRODUCIBLE ZONE COMPLETIONS				TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	ALL OTHER WELLS NOT P&A	WELLS P&A	TOTAL WELLS
	ACT.	SUSP'D		ACTIVE		SHUT-IN						
				OIL	GAS	OIL	GAS					
Alabama	2	-	1	1	-	-	-	1	-	2	3	8
Arkansas	1	-	11	1	12	-	4	17	2	4	42	58
California	-	-	17	14	1	-	-	15	2	2	15	34
Colorado	-	-	12	2	4	-	5	11	1	11	116	140
Florida	1	-	-	-	-	-	-	-	-	6	15	21
Illinois	-	-	2	2	-	-	-	2	-	-	4	6
Indiana	-	-	1	-	-	1	-	1	-	-	5	6
Kansas	-	-	11	3	7	-	-	10	1	6	10	27
Kentucky	-	-	8	-	7	-	1	8	-	3	19	30
Louisiana	2	-	81	62	15	10	2	89	7	43	58	184
Maryland	-	-	5	-	5	-	-	5	-	1	2	8
Michigan	-	-	37	25	4	-	-	29	8	23	92	152
Mississippi	1	-	227	173	6	1	2	182	55	72	1,060	1,360
Montana	8	3	51	11	5	-	37	53	2	37	107	206
North Dakota	10	1	140	117	-	1	-	118	26	51	77	279
Nebraska	-	-	2	-	1	-	-	1	1	-	21	23
New Mexico	-	-	1	-	-	-	-	-	1	-	1	2
Ohio	-	-	13	4	9	-	-	13	-	1	77	91
Oklahoma	1	-	29	22	11	-	-	33	2	4	31	65
Pennsylvania	-	-	7	-	7	-	-	7	-	-	3	10
South Dakota	-	-	-	-	-	-	-	-	-	1	10	11
Texas	-	1	14	6	5	-	2	13	2	1	34	50
Utah	-	-	3	3	-	-	-	3	-	-	1	4
Virginia	-	-	-	-	-	-	-	-	-	1	-	1
West Virginia	-	-	59	-	1	-	10	11	48	-	12	71
Wyoming	2	-	43	30	-	-	-	30	13	43	96	184
Total Acquired	28	5	775	476	100	13	63	652	171	312	1,911	3,031

W E L L S T A T U S
M I L I T A R Y & M I S C E L L A N E O U S
As of December 31, 1978

STATE	NEW WELLS DRILLING		WELLS COM- PLETED	PRODUCIBLE ZONE COMPLETIONS				TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	ALL OTHER WELLS NOT P&A	WELLS P&A	TOTAL WELLS
	ACT.	SUSP'D		ACTIVE		SHUT-IN						
				OIL	GAS	OIL	GAS					
Arkansas	-	-	13	-	19	-	-	19	-	-	8	21
California	-	-	-	-	-	-	-	-	-	-	3	3
Kentucky	-	-	58	26	-	-	-	26	32	11	5	74
Louisiana	-	-	116	84	121	8	9	222	9	19	22	157
Oklahoma	2	-	8	-	7	2	-	9	-	-	6	16
Texas	-	-	9	2	8	2	-	12	-	-	37	46
Total Military & Miscellaneous	2	-	204	112	155	12	9	288	41	30	81	317

W E L L S T A T U S
INDIAN LANDS
As of December 31, 1978

STATE	NEW WELLS DRILLING		WELLS COM- PLETED	PRODUCIBLE ZONE COMPLETIONS				TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	ALL	WELLS P&A	TOTAL WELLS
	ACT.	SUSP'D		ACTIVE		SHUT-IN				OTHER		
				OIL	GAS	OIL	GAS			WELLS NOT P&A		
Alaska	-	-	-	-	-	-	-	-	-	-	7	7
Arizona	1	2	47	35	2	3	4	44	3	14	145	209
Colorado	14	-	339	22	343	-	2	367	3	10	334	697
Florida	-	-	1	1	-	-	-	1	-	4	-	5
Michigan	-	-	1	1	-	-	-	1	-	-	-	1
Mississippi	-	-	-	-	-	-	-	-	-	1	-	1
Montana	8	12	733	433	43	-	13	489	248	160	398	1,311
North Dakota	-	-	20	15	-	-	-	15	5	4	29	53
New Mexico	43	7	2,130	611	1,600	9	19	2,239	138	273	1,627	4,080
Oklahoma	26	2	2,792	1,865	209	25	26	2,125	785	406	2,346	5,572
South Dakota	-	-	5	3	-	-	-	3	2	7	5	17
Utah	9	-	954	705	6	-	2	713	245	108	378	1,449
Washington	-	-	-	-	-	-	-	-	-	-	8	8
Wyoming	14	2	620	478	65	6	2	551	101	89	413	1,138
Total												
Indian	115	25	7,642	4,169	2,268	43	68	6,548	1,530	1,076	5,690	14,548

W E L L S T A T U S
ALL LANDS

1920 -- 1978

Year	Producible Zone Completions										All		Total Wells
	New Wells		Wells Completed					Total	Serv.	Other			
	Drilling			Active		Shut-In		Act.	Inp.-	Wells	Wells		
	Act.	Susp'd		Oil	Gas	Oil	Gas	Shut-in	Disp.	not	P & A	P & A	
1920-1921	80	140	332	285	10	30	7	332	-	-	220	772	
1922	272	400	632	527	20	70	15	632	-	-	240	1,544	
1923	300	374	910	747	35	103	25	910	-	-	260	1,844	
1924	300	356	1,508	1,255	50	163	40	1,508	-	-	280	2,444	
1925	20	50	2,221	1,836	57	283	45	2,221	-	-	302	2,593	
1926	36	76	2,694	2,423	64	155	52	2,694	-	-	685	3,491	
1927	142	402	3,079	2,716	70	237	56	3,079	-	-	1,026	4,649	
1928	149	383	3,572	3,137	75	297	63	3,572	-	-	1,580	5,684	
1929	189	303	4,027	3,237	104	603	83	4,027	-	-	1,880	6,399	
1930	68	245	9,626	8,381	328	791	126	9,626	-	-	2,228	12,167	
1931	62	356	9,441	7,916	253	1,121	151	9,441	-	-	3,497	13,356	
1932	54	361	9,197	7,543	241	1,248	165	9,197	-	-	3,926	13,538	
1933	66	369	8,593	7,009	242	1,186	156	8,593	-	-	4,729	13,757	
1934	104	263	8,759	7,172	259	1,168	160	8,759	-	-	5,168	14,294	
1935	110	195	8,735	7,021	278	1,279	157	8,735	-	-	5,707	14,747	
1936	129	195	8,773	7,012	275	1,327	159	8,773	-	-	5,957	15,054	
1937	183	171	9,047	7,240	286	1,350	171	9,047	-	-	6,317	15,718	
1938	124	164	9,220	7,433	303	1,302	182	9,220	-	-	6,811	16,319	
1939	196	162	9,588	7,756	328	1,328	176	9,588	-	-	7,282	17,228	
1940	137	184	9,908	7,811	335	1,358	194	9,698	210	-	7,381	17,610	
1941	167	178	9,820	7,856	324	1,208	182	9,570	250	-	7,734	17,899	
1942	155	171	10,250	8,191	367	1,223	194	9,975	275	-	8,176	18,752	
1943	200	136	10,771	8,548	429	1,264	178	10,419	352	-	8,175	19,282	
1944	211	133	11,000	8,791	460	1,289	173	10,713	287	-	8,359	19,703	
1945	163	151	11,913	9,417	490	1,518	192	11,617	296	-	8,798	21,025	
1946	156	157	12,250	9,473	537	1,732	214	11,956	294	-	8,571	21,134	
1947	238	172	12,761	9,849	583	1,742	263	12,437	324	-	9,145	22,316	
1948	197	200	13,514	10,521	738	1,725	222	13,206	308	-	9,899	23,810	
1949	202	206	13,811	10,787	817	1,689	204	13,497	314	-	10,297	24,516	
1950	221	171	14,898	11,743	900	1,653	286	14,582	316	-	10,906	26,196	

W E L L S T A T U S
ALL LANDS
1920-- 1978

Year	Producible Zone Completions										All		
	New Wells	Wells					Total	Serv.			Other		
	Drilling	Com-	Active		Shut-In		Act. &	Inp.-			Wells	Wells	Total:
	Act.: Susp'd	pleted	Oil	Gas	Oil	Gas	Shut-In	Disp.	not P&A	P & A	Wells:		
1951	294	233	15,253	11,784	1,100	1,739	298	14,921	332	-	11,579	27,359	
1952	383	256	15,899	12,370	1,290	1,589	312	15,561	338	-	11,945	28,483	
1953	324	245	17,199	12,700	2,011	1,795	299	16,805	394	-	12,062	29,830	
1954	265	249	18,635	13,642	2,340	1,836	392	18,210	425	-	12,570	31,719	
1955	360	270	19,374	14,155	2,944	1,356	461	18,916	458	-	13,117	33,121	
1956	420	330	20,877	15,122	3,189	1,299	777	20,387	490	-	13,962	35,589	
1957	598	394	22,941	16,057	3,762	1,624	985	22,428	513	-	14,954	38,887	
1958	354	381	24,979	16,937	4,429	1,653	1,028	24,047	932	-	15,837	41,551	
1959	463	401	27,464	18,446	5,294	1,837	836	26,413	1,051	-	17,105	45,433	
1960	451	479	29,337	19,503	5,770	1,911	1,034	28,218	1,119	-	18,058	48,325	
1961	481	562	31,616	20,437	6,342	2,104	1,203	30,086	1,530	-	19,306	51,965	
1962	475	583	33,647	21,237	6,860	2,348	1,259	31,704	1,943	-	20,428	55,133	
1963	493	612	35,296	21,611	7,352	2,653	1,278	32,894	2,402	-	21,862	58,263	
1964	385	555	36,086	22,006	7,051	2,931	1,301	33,289	2,797	1,466	21,659	60,151	
1965	426	655	37,517	22,624	7,452	3,138	1,297	34,511	3,006	1,408	23,227	63,233	
1966	351	295	36,650	23,523	8,710	3,374	1,346	36,953	3,557	1,650	24,344	63,290	
1967	391	334	38,125	24,191	9,220	3,440	1,337	38,188	4,055	1,553	25,911	66,314	
1968	490	151	39,623	24,936	9,593	3,583	1,448	39,560	4,592	1,839	27,469	69,572	
1969	461	267	40,702	25,687	10,228	3,473	1,352	40,740	4,807	2,379	28,440	72,249	
1970	350	263	41,946	26,418	10,704	3,540	1,428	42,090	5,108	2,557	29,669	74,785	
1971	398	292	42,654	26,336	11,152	3,687	1,481	42,656	5,378	2,657	31,305	77,306	
1972	487	398	43,473	24,305	11,379	5,717	1,772	43,173	5,752	3,178	32,337	79,873	
1973	570	419	44,620	24,348	12,304	5,679	1,766	44,097	6,101	3,151	33,705	82,465	
1974	771	472	44,590	24,428	12,599	2,781	1,291	41,099	6,389	4,676	35,003	85,512	
1975	720	457	44,322	24,144	13,163	2,243	1,874	41,424	6,477	6,393	36,019	87,911	
1976	693	539	44,296	24,137	13,649	1,702	1,455	40,943	6,491	8,191	36,625	90,344	
1977	988	650	46,964	24,679	14,380	1,679	1,481	42,419	6,720	7,355	38,021	93,978	
1978	1,019	643	48,473	24,999	15,499	1,307	1,752	43,557	6,765	7,358	39,858	97,351	

NOTE: 1930 includes prior years wells completed on Indian Land. Well Status is on a Calendar year basis for the most part. 1921-1950 includes some estimated data. Wells completed equal hole completions beginning with Calendar year 1966. The producible oil and gas and service completions represent the various horizontal zone completions in each well completed. E.G., at December 31, 1978, there were 50,322 (43,557 oil and gas, 6,765 service) zone completions in 48,473 wells completed.

W E L L S T A T U S
PUBLIC LAND
1920 - 1978

Year	Producible Zone Completions										All		
	New Wells	Wells					Total	Serv.	Other				
	Drilling	Com-		Active		Shut-In	Act.	Inp.-	Wells	Wells	Total		
	Act.: Susp'd:	pleted		Oil	Gas	Oil	Gas	Shut-In	Disp.	not PA	P & A	Wells:	
1920-1921	80	140	332	285	10	30	7	332	-	-	220	772	
1922	272	400	632	527	20	70	15	632	-	-	240	1,544	
1923	300	374	910	747	35	103	25	910	-	-	260	1,844	
1924	300	356	1,508	1,255	50	163	40	1,508	-	-	280	2,444	
1925	20	50	2,221	1,836	57	283	45	2,221	-	-	302	2,593	
1926	20	52	2,303	2,050	62	141	50	2,303	-	-	600	2,975	
1927	142	377	2,659	2,343	68	197	51	2,659	-	-	941	4,119	
1928	146	369	3,131	2,786	73	219	53	3,131	-	-	1,472	5,118	
1929	186	295	3,559	2,917	102	473	67	3,559	-	-	1,769	5,809	
1930	45	232	3,611	2,847	91	568	105	3,611	-	-	1,836	5,724	
1931	44	352	3,684	2,859	121	598	106	3,684	-	-	2,656	6,736	
1932	38	356	3,667	2,702	109	736	120	3,667	-	-	2,678	6,739	
1933	42	365	3,605	2,716	111	669	109	3,605	-	-	2,766	6,778	
1934	76	259	3,666	2,789	126	645	106	3,666	-	-	3,059	7,060	
1935	62	191	3,771	2,778	143	751	99	3,771	-	-	3,301	7,325	
1936	73	191	3,849	2,833	141	773	102	3,849	-	-	3,343	7,456	
1937	115	168	4,112	3,034	152	814	112	4,112	-	-	3,539	7,934	
1938	84	161	4,334	3,251	171	790	122	4,334	-	-	3,760	8,339	
1939	151	159	4,627	3,482	189	833	123	4,627	-	-	4,134	9,071	
1940	110	168	4,910	3,764	199	820	127	4,910	-	-	4,051	9,239	
1941	128	162	4,891	3,760	188	811	132	4,891	-	-	4,223	9,404	
1942	129	160	5,327	4,139	238	810	140	5,327	-	-	4,538	10,154	
1943	153	126	5,738	4,523	301	797	117	5,738	-	-	4,836	10,853	
1944	140	120	6,067	4,764	320	863	120	6,067	-	-	5,028	11,355	
1945	102	129	6,541	5,061	346	999	133	6,541	-	-	5,264	12,036	
1946	113	139	6,819	5,391	381	897	150	6,819	-	-	5,310	12,381	
1947	166	146	7,220	5,669	430	923	198	7,220	-	-	5,586	13,118	
1948	136	170	7,934	6,302	565	907	160	7,934	-	-	5,922	14,162	
1949	148	181	8,205	6,515	651	897	142	8,205	-	-	6,199	14,733	
1950	148	156	8,817	7,019	728	868	202	8,817	-	-	6,510	15,631	

W E L L S T A T U S
PUBLIC LAND
1920 - 1978

Year	New Wells		Wells	Producible Zone Completions								All		Total
	Drilling			Com- pleted	Active		Shut-In		Act. & Inp.- Shut-In	Serv. Disp.	Other Wells not P & A	Wells P & A		
	Act.	Susp'd			Oil	Gas	Oil	Gas						
1951	227	204	9,480	7,358	936	945	241	9,480	-	-	7,054	16,965		
1952	333	225	9,916	7,855	1,109	695	257	9,916	-	-	7,719	18,193		
1953	258	213	10,980	8,243	1,802	720	215	10,980	-	-	8,099	19,550		
1954	189	226	11,847	8,710	2,070	815	252	11,847	-	-	8,706	20,968		
1955	225	247	13,021	9,317	2,407	1,000	297	13,021	-	-	9,214	22,707		
1956	243	303	14,151	9,915	2,735	1,016	485	14,151	-	-	9,743	24,440		
1957	343	318	15,295	10,333	3,116	1,246	600	15,295	-	-	10,453	26,409		
1958	208	312	16,481	10,647	3,583	1,279	629	16,138	343	-	11,095	28,096		
1959	296	294	17,712	11,287	4,171	1,373	488	17,319	393	-	12,126	30,428		
1960	311	337	18,910	11,979	4,567	1,333	556	18,435	475	-	12,866	32,424		
1961	338	372	20,299	12,494	4,965	1,392	666	19,517	782	-	13,779	34,788		
1962	329	358	21,363	12,928	5,277	1,479	681	20,365	998	-	14,577	36,627		
1963	330	379	22,161	13,124	5,539	1,620	670	20,953	1,208	-	15,464	38,334		
1964	219	319	22,426	13,229	5,273	1,761	693	20,956	1,470	1,210	15,030	39,204		
1965	260	340	23,279	13,609	5,496	1,799	708	21,612	1,667	1,255	15,948	41,082		
1966	196	252	24,025	14,201	6,333	1,872	660	23,066	2,118	1,054	16,673	42,200		
1967	225	306	24,997	14,519	6,555	1,882	652	23,608	2,487	915	17,531	43,974		
1968	289	127	25,935	14,968	6,711	1,849	684	24,212	2,891	1,086	18,625	46,062		
1969	284	118	26,420	15,217	7,018	1,747	607	24,589	3,032	1,615	19,036	47,473		
1970	194	120	27,072	15,432	7,169	1,825	611	25,037	3,243	1,831	19,702	48,919		
1971	222	111	27,491	15,507	7,303	1,804	674	25,288	3,405	1,929	20,517	50,270		
1972	320	107	28,122	15,569	7,558	1,786	711	25,624	3,713	2,376	20,972	51,897		
1973	405	133	28,888	15,597	8,111	1,745	765	26,218	3,947	2,357	21,786	53,569		
1974	580	153	29,031	15,765	8,547	1,231	693	26,236	4,142	3,362	22,386	55,512		
1975	489	130	29,140	15,807	8,929	768	689	26,193	4,332	4,705	22,910	57,374		
1976	474	131	29,505	16,040	9,182	357	705	26,284	4,417	5,784	23,248	59,142		
1977	663	138	30,468	16,567	9,766	124	730	27,187	4,516	6,021	23,995	61,285		
1978	757	141	31,419	16,845	10,361	168	870	28,244	4,641	5,940	25,035	63,292		

W E L L S T A T U S
OUTER CONTINENTAL SHELF
1950 - - 1978

Year	Producible Zone Completions										All			
	New Wells	Wells					Total	Serv.	Other					
	Drilling	Com-	Active		Shut-In		Act.	Inp.-	Wells	Wells	Total			
	Act. Susp'd	pleted	Oil	Gas	Oil	Gas	Shut-In	Disp.	not P & A	P & A	Wells			
1950 ^{a/}	24	-	410	371	-	13	26	410	-	-	79	513		
1951	-	-	-	-	-	-	-	-	-	-	-	-		
1952	-	-	-	-	-	-	-	-	-	-	-	-		
1953	-	-	-	-	-	-	-	-	-	-	-	-		
1954	27	-	130	50	20	15	45	130	-	-	104	261		
1955	41	-	239	117	29	31	62	239	-	-	175	455		
1956	76	-	357	195	32	41	89	357	-	-	261	694		
1957	61	17	588	330	31	83	144	588	-	-	402	1,068		
1958	35	21	795	487	74	80	154	795	-	-	485	1,336		
1959	40	31	1,461	864	173	245	179	1,461	-	-	569	2,101		
1960	58	53	1,923	1,138	210	326	249	1,923	-	-	686	2,720		
1961	54	99	2,467	1,463	240	429	335	2,467	-	-	814	3,434		
1962	56	107	3,091	1,863	333	513	382	3,091	-	-	1,002	4,256		
1963	62	130	3,631	2,237	397	584	413	3,631	-	-	1,226	5,049		
1964	73	193	4,313	2,708	417	622	486	4,233	80	102	1,372	6,053		
1965	89	261	4,733	3,068	516	687	462	4,733	-	-	1,685	6,768		
1966	82	-	3,305	3,588	660	747	504	5,499	35	444	1,871	5,702		
1967	95	-	3,762	4,080	870	759	507	6,216	60	496	2,233	6,586		
1968	133	-	4,258	4,483	1,040	908	578	7,009	91	592	2,592	7,575		
1969	103	129	4,752	4,985	1,280	880	578	7,723	117	590	2,919	8,493		
1970	106	115	5,359	5,565	1,574	882	645	8,666	164	534	3,278	9,392		
1971	89	152	5,718	5,704	1,872	953	602	9,131	217	551	3,724	10,234		
1972	79	263	6,032	3,744	1,808	2,996	872	9,420	296	537	4,168	11,079		
1973	84	249	6,421	3,814	2,108	3,054	879	9,855	332	546	4,599	11,899		
1974	91	292	6,218	3,686	1,942	732	461	6,821	416	1,006	5,108	12,715		
1975	97	292	6,104	3,506	2,071	1,013	694	7,284	325	977	5,617	13,087		
1976 *	95	362	6,461	3,555	2,256	1,179	637	7,627	333	1,117	6,088	14,123		
1977 *	169	482	7,914	3,409	2,263	1,468	835	7,975	404	-	6,619	15,184		
1978 *	117	472	8,433	3,397	2,615	1,071	742	7,825	382	-	7,141	16,163		

^{a/} Tide and submerged, California

NOTE: *SEE FOOTNOTE AND OTHER ZONE COMPLETIONS ON OCS WELL STATUS BY STATE

W E L L S T A T U S
ACQUIRED LAND
1948 - 1978

Year	Producible Zone Completions											
	New Wells			Wells			Total			All		
	Drilling			Com-			Active			Shut-In		
	Act.	Susp'd	pleted	Oil	Gas		Oil	Gas	Shut-In	Disp.	not P&A	P & A
1948	2	-	93	83	9	-	1	93	-	-	20	115
1949	4	-	109	98	9	-	1	108	1	-	27	140
1950	5	-	133	120	9	-	1	130	3	-	32	170
1951	9	-	116	107	-	-	6	113	3	-	41	166
1952	2	2	192	171	10	3	5	189	3	-	126	322
1953	2	16	201	154	12	18	10	194	7	-	132	351
1954	2	4	205	164	13	8	12	197	8	-	189	400
1955	9	5	368	154	172	8	28	362	6	-	210	592
1956	11	3	243	195	19	14	7	235	8	-	330	587
1957	13	4	281	227	17	14	15	273	8	-	369	667
1958	13	2	305	239	36	14	7	296	9	-	420	740
1959	9	3	328	237	47	17	10	311	17	-	502	842
1960	6	5	360	253	29	22	35	339	21	-	569	940
1961	11	6	402	279	28	27	41	375	27	-	629	1,048
1962	12	6	442	310	28	29	47	414	28	-	688	1,148
1963	10	7	536	370	41	39	52	502	34	-	797	1,350
1964	20	7	611	426	42	47	30	545	66	15	885	1,538
1965	20	7	681	476	53	69	26	624	57	29	1,020	1,757
1966	16	10	821	573	73	64	79	789	74	27	1,112	1,986
1967	16	8	841	588	75	70	78	811	80	34	1,220	2,119
1968	5	8	872	602	75	69	84	830	93	40	1,332	2,257
1969	16	7	877	597	78	73	80	828	101	51	1,454	2,405
1970	8	9	873	588	81	71	77	817	107	63	1,534	2,487
1971	5	4	861	576	81	72	81	810	102	68	1,619	2,557
1972	9	1	840	554	82	69	79	784	104	115	1,654	2,619
1973	8	1	804	516	83	68	27	694	159	137	1,711	2,661
1974	8	2	784	487	90	65	34	676	157	182	1,750	2,726
1975	7	5	793	456	94	83	33	666	164	217	1,766	2,788
1976	8	1	747	457	92	34	42	625	168	285	1,814	2,855
1977	21	4	749	469	101	12	48	630	167	308	1,851	2,933
1978	28	5	775	476	100	13	63	652	171	312	1,911	3,031

W E L L S T A T U S
M I L I T A R Y L A N D
1952 - - - 1978

Year	Producible Zone Completions										All		
	New Wells	Wells					Total	Serv.	Other				
	Drilling	Com-	Active	Shut-In	Act. &	Inp.-	Wells	Wells	Total				
	Act.: Susp'd:	pleted	Oil	Gas	Oil	Gas	Shut-In:	Disp.	not P&A	P & A	Wells:		
1952	-	-	28	12	16	-	-	28	-	-	-	28	
1953	3	-	36	12	21	-	3	36	-	-	-	39	
1954	-	-	43	14	29	-	-	43	-	-	1	44	
1955	-	-	48	15	31	-	1	47	1	-	1	49	
1956	1	-	61	20	40	-	-	60	1	-	15	77	
1957	1	-	87	45	35	-	6	86	1	-	18	106	
1958	1	-	88	44	37	1	5	87	1	-	18	107	
1959	7	-	139	65	58	2	13	138	1	-	18	164	
1960	-	-	186	94	62	2	15	173	13	-	19	205	
1961	4	-	295	132	82	3	48	265	30	-	13	312	
1962	-	1	358	180	137	6	4	327	31	-	16	375	
1963	5	1	374	185	145	6	4	340	34	-	16	396	
1964	-	1	386	196	147	6	3	352	34	1	14	402	
1965	-	1	384	195	147	4	4	350	34	-	31	416	
1966	-	1	261	196	147	4	3	350	36	-	21	283	
1967	-	-	265	198	148	4	3	353	37	-	23	288	
1968	-	-	265	197	145	4	7	353	37	2	25	292	
1969	-	-	264	193	148	4	3	348	41	1	27	292	
1970	4	-	262	188	151	4	-	343	44	4	27	297	
1971	-	-	260	156	155	7	25	343	45	5	30	295	
1972	5	-	238	152	160	7	4	323	41	11	52	306	
1973	2	-	237	147	158	7	10	322	41	11	59	309	
1974	1	-	231	145	151	6	11	313	41	11	67	310	
1975	5	-	227	139	160	6	12	308	41	11	72	315	
1976	2	-	204	120	152	9	5	286	39	30	75	311	
1977	-	1	202	117	154	5	9	285	41	34	78	315	
1978	2	-	204	112	155	12	9	288	41	30	81	317	

W E L L S T A T U S
NAVAL PETROLEUM RESERVE
1920 - 1978

Year	New Wells		Wells Com- pleted	Producible Zone Completions						All			Total: Wells
	Drilling			Active		Shut-In		Total		Serv.	Other		
	Act.: Susp'd:			Oil		Oil		Act. & Inp.-		Wells	Wells		
								Shut-In: Disp.		not P & A	P & A		
1920-1926	16	24	391	373	2	14	2	391	-	-	85	516	
1927	-	25	420	373	2	40	5	420	-	-	85	530	
1928	3	14	441	351	2	78	10	441	-	-	108	566	
1929	3	8	468	320	2	130	16	468	-	-	111	590	
1930	-	3	461	283	2	160	16	461	-	-	153	617	
1931	-	4	456	216	2	223	15	456	-	-	160	620	
1932	-	5	455	226	2	212	15	455	-	-	165	625	
1933	1	4	456	221	1	217	17	456	-	-	170	631	
1934	1	4	532	282	3	223	24	532	-	-	175	712	
1935	1	4	534	273	5	228	28	534	-	-	187	726	
1936	1	4	533	248	4	254	27	533	-	-	190	728	
1937	2	3	538	269	4	236	29	538	-	-	197	740	
1938	-	3	519	275	2	212	30	519	-	-	240	762	
1939	-	3	514	287	9	195	23	514	-	-	248	765	
1940	-	3	546	283	3	227	33	546	-	-	248	797	
1941	-	3	472	282	3	169	18	472	-	-	248	723	
1942	-	3	472	298	4	153	17	472	-	-	248	723	
1943	6	3	649	447	3	177	22	649	-	-	266	924	
1944	3	3	667	460	3	182	22	667	-	-	268	941	
1945	12	4	1,096	762	2	309	23	1,096	-	-	312	1,424	
1946	5	2	1,079	445	9	606	19	1,079	-	-	342	1,428	
1947	5	-	1,074	410	4	637	23	1,074	-	-	357	1,436	
1948	4	9	1,064	367	8	673	16	1,064	-	-	378	1,455	
1949	7	5	1,093	420	6	642	25	1,093	-	-	392	1,497	
1950	6	5	1,110	431	9	651	19	1,110	-	-	432	1,553	
1951	8	5	1,196	430	12	738	16	1,196	-	-	427	1,636	
1952	8	5	1,281	457	10	802	12	1,281	-	-	440	1,734	
1953	8	5	1,281	457	10	802	12	1,281	-	-	440	1,734	
1954	1	5	1,421	627	6	768	20	1,421	-	-	439	1,866	
1955	-	-	404	285	5	103	11	404	-	-	257	661	

W E L L S T A T U S
NAVAL PETROLEUM RESERVE
1920 -- 1978

Year	Productible Zone Completions										All Other Wells not P & A	Total Wells P & A
	New Wells		Wells Com- pleted	Active				Shut-In		Total Serv. Inp.- Disp.		
	Drilling			Oil				Gas				
	Act.	Susp'd		Oil				Gas				
1956	-	-	414	301	4	97	12	414	-	-	257	671
1957	-	-	496	295	4	171	26	496	-	-	309	805
1958	5	-	511	310	3	170	28	511	-	-	310	826
1959	-	1	459	325	1	126	7	459	-	-	256	716
1960	-	1	474	340	1	126	7	474	-	-	256	731
1961	2	1	481	346	2	126	7	481	-	-	256	740
1962	-	-	487	355	5	126	1	487	-	-	258	745
1963	3	1	481	320	3	153	5	481	-	-	260	745
1964	1	1	495	298	3	182	4	487	8	2	259	758
1965	1	1	505	299	3	190	4	496	9	2	259	768
1966	-	1	520	299	3	206	4	512	12	2	261	784
1967	-	1	535	290	14	209	6	519	34	5	262	803
1968	2	-	537	274	10	227	7	518	34	7	262	808
1969	2	-	545	274	14	238	5	531	27	7	263	817
1970	-	-	563	276	18	240	4	538	41	3	265	831
1971	-	-	565	278	18	240	4	540	41	2	267	834
1972	-	-	566	279	18	240	4	541	41	2	267	835
1973	-	-	566	279	18	235	4	536	46	2	267	835
1974	-	-	564	279	18	233	4	534	46	2	269	835
1975	-	-	334	266	18	2	2	288	46	234	271	839
1976	-	-	-	-	-	-	-	-	-	-	-	-

NOTE: On October 1, 1976, the supervision of the NPR No. 2 wells were transferred to the Department of the Navy.

NOTE: Earlier years include NPR Nos. 1, 2, 3, and 4; 1955 and subsequent years are for NPR No. 2 only.

W E L L S T A T U S
INDIAN LAND
1930 --- 1978

Year	Producible Zone Completions										All		
	New Wells	Wells	Active		Shut-In		Total	Serv.	Other				
	Drilling	Com-					Act. &	Inp.-	Wells	Wells	Total		
	Act.: Susp'd:	pleted	Oil	Gas	Oil	Gas	Shut-In:	Disp.	not P&A	P & A	Wells:		
1930	23	10	5,554	5,251	235	63	5	5,554	-	-	239	5,826	
1931	18	-	5,301	4,841	130	300	30	5,301	-	-	681	6,000	
1932	16	-	5,075	4,615	130	300	30	5,075	-	-	1,083	6,174	
1933	23	-	4,532	4,072	130	300	30	4,532	-	-	1,793	6,348	
1934	27	-	4,561	4,101	130	300	30	4,561	-	-	1,934	6,522	
1935	47	-	4,430	3,970	130	300	30	4,430	-	-	2,219	6,696	
1936	55	-	4,391	3,931	130	300	30	4,391	-	-	2,424	6,870	
1937	66	-	4,397	3,937	130	300	30	4,397	-	-	2,581	7,044	
1938	40	-	4,367	3,907	130	300	30	4,367	-	-	2,811	7,218	
1939	45	-	4,447	3,987	130	300	30	4,447	-	-	2,900	7,392	
1940	27	13	4,452	3,764	133	311	34	4,242	210	-	3,082	7,574	
1941	39	13	4,457	3,814	133	228	32	4,207	250	-	3,263	7,772	
1942	26	8	4,451	3,754	125	260	37	4,176	275	-	3,330	7,875	
1943	41	7	4,384	3,578	125	290	39	4,032	352	-	3,073	7,505	
1944	68	10	4,266	3,567	137	244	31	3,979	287	-	3,063	7,407	
1945	49	18	4,276	3,594	142	210	34	3,980	296	-	3,222	7,565	
1946	38	16	4,352	3,637	147	229	45	4,058	294	-	2,919	7,325	
1947	67	26	4,467	3,770	149	182	42	4,143	324	-	3,202	7,762	
1948	55	21	4,423	3,769	156	145	45	4,115	308	-	3,579	8,078	
1949	43	20	4,404	3,754	151	150	36	4,091	313	-	3,679	8,146	
1950	38	10	4,428	3,802	154	121	38	4,115	313	-	3,853	8,329	
1951	50	24	4,461	3,889	152	56	35	4,132	329	-	4,057	8,592	
1952	40	24	4,482	3,875	145	89	38	4,147	335	-	3,660	8,206	
1953	53	11	4,701	3,834	166	255	59	4,314	387	-	3,391	8,156	
1954	46	14	4,989	4,077	202	230	63	4,572	417	-	3,131	8,180	
1955	85	18	5,294	4,267	300	214	62	4,843	451	-	3,260	8,657	
1956	89	24	5,651	4,496	359	131	184	5,170	481	-	3,356	9,120	

W E L L S T A T U S
INDIAN LAND
1930 -- 1978

Year	Producidble Zone Completions											
	New Wells		Wells		Active		Shut-In		Total		All	
	Drilling		Com-						Serv.		Other	
	Act.	Susp'd	pleted	Oil	Gas	Oil	Gas	Shut-In	Disp.	not P&A	P & A	Total Wells
1957	180	55	6,194	4,827	559	110	194	5,690	504	-	3,403	9,832
1958	92	46	6,799	5,210	696	109	205	6,220	579	-	3,509	10,446
1959	111	72	7,365	5,668	844	74	139	6,725	640	-	3,634	11,182
1960	76	83	7,484	5,699	901	102	172	6,874	610	-	3,662	11,305
1961	72	84	7,672	5,723	1,025	127	106	6,981	691	-	3,815	11,643
1962	78	111	7,906	5,601	1,080	195	144	7,020	886	-	3,887	11,982
1963	83	94	8,113	5,375	1,227	251	134	6,987	1,126	-	4,099	12,389
1964	72	34	7,855	5,149	1,169	313	85	6,716	1,139	136	4,099	12,196
1965	56	45	7,935	4,977	1,237	389	93	6,696	1,239	122	4,284	12,442
1966	57	31	7,718	4,666	1,494	481	96	6,737	1,282	123	4,406	12,335
1967	55	19	7,725	4,516	1,558	516	91	6,681	1,357	103	4,642	12,544
1968	61	16	7,756	4,412	1,612	526	88	6,638	1,446	112	4,633	12,578
1969	56	13	7,844	4,421	1,690	531	79	6,721	1,489	115	4,741	12,769
1970	38	19	7,817	4,369	1,711	518	91	6,689	1,509	122	4,863	12,859
1971	82	25	7,759	4,115	1,723	611	95	6,544	1,568	102	5,148	13,116
1972	74	27	7,675	4,007	1,753	619	102	6,481	1,557	137	5,224	13,137
1973	71	36	7,704	3,995	1,826	570	81	6,472	1,576	98	5,283	13,192
1974	91	25	7,762	4,066	1,851	514	88	6,519	1,587	113	5,423	13,414
1975	122	30	7,724	3,970	1,891	371	453	6,685	1,569	249	5,383	13,508
1976	114	45	7,379	3,965	1,967	123	66	6,121	1,534	975	5,400	13,913
1977	135	25	7,631	4,117	2,096	70	59	6,342	1,592	992	5,478	14,261
1978	115	25	7,642	4,169	2,268	43	68	6,548	1,530	1,076	5,690	14,548

NOTE: 1930, Wells Completed, includes prior years.

The decrease in total wells from one year to any subsequent year is due to the removal of Indian Land wells from U. S Geological Survey supervision.

Geothermal

Well Status

:	Producible Zone Completions							All			:
:	YEAR	New Wells		Wells	Total			Other			:
:	(Dec. 31)	Drilling		Com-	ACTIVE		STEAM		Act. &	Obser-	:
:	STATE	Act.	Susp'd	pleted	Water	: Steam	Water	: Steam	Shut-in	vation	:
									not P&A	P&A	:
										Total Wells	:

PUBLIC LAND

1974

California	1	-	-	-	-	-	-	-	-	-	1
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1975

California	3	2	7	-	-	1	6	7	-	-	12
Utah	-	3	4	-	-	2	-	2	2	-	8
TOTAL	3	5	11	-	-	3	6	9	2	-	20

1976

California	-	1	14	-	-	5	9	14	-	1	16
Utah	-	1	7	-	-	5	-	5	2	1	9
TOTAL	-	2	21	-	-	10	9	19	2	2	25

1977

California	2	2	24	-	-	8	14	22	2	-	30
Nevada	2	-	-	-	-	-	-	-	-	-	2
Utah	1	2	10	-	-	6	-	6	4	-	14
TOTAL	5	4	34	-	-	14	14	28	6	-	46

1978

California	2	1	29	-	-	11	13	24	5	5	37
Nevada	1	-	3	-	-	-	-	-	3	-	4
Oregon	-	-	2	-	-	-	-	-	2	-	2
Utah	-	5	11	-	-	5	-	5	6	-	17
TOTAL	3	6	45	-	-	16	13	29	16	5	60

UNIT PLANS
Number and Acreage
Calendar Years

	APPROVED UNIT PLANS		NUMBER OF UNIT PLANS OUTSTANDING					
YEAR	Accumulated Total		Land Category				Total Acreage	
	Number	Acreage	Federal	Indian	OCS	Total	All Lands	
1931	2	21,481	2	-	-	2	21,481	
1932	5	26,715	5	-	-	5	26,715	
1933	6	41,668	6	-	-	6	41,668	
1934	8	50,704	8	-	-	8	50,704	
1935	13	141,984	12	1	-	13	141,984	
1936	31	507,312	29	2	-	31	507,312	
1937	81	1,138,849	79	2	-	81	1,138,849	
1938	106	1,482,406	104	2	-	106	1,482,406	
1939	120	1,814,455	117	2	-	119	1,808,574	
1940	122	1,829,401	116	2	-	118	1,715,797	
1941	125	1,860,857	116	2	-	118	1,724,187	
1942	131	2,086,847	115	2	-	117	1,816,970	
1943	148	2,247,151	114	2	-	116	1,668,190	
1944	172	2,456,278	121	2	-	123	1,438,366	
1945	192	2,628,458	123	2	-	130	1,498,127	
1946	215	2,974,383	136	2	-	138	1,722,270	
1947	244	3,505,432	146	2	-	148	2,088,293	
1948	294	4,327,206	182	1	-	183	2,717,254	
1949	340	5,068,975	195	4	-	199	2,896,715	
1950	373	5,651,102	181	3	-	184	2,655,887	
1951	427	6,588,462	209	8	-	217	3,268,252	
1952	493	7,987,405	253	11	-	264	4,312,710	
1953	575	9,650,111	286	11	-	297	5,148,073	
1954	661	11,114,488	314	11	1	326	5,636,880	
1955	708	11,953,999	292	11	1	304	5,269,662	
1956	785	13,065,815	295	30	11	336	5,426,710	
1957	863	14,440,151	325	38	12	375	6,060,617	
1958	946	16,282,231	351	47	13	411	6,954,648	
1959	1,062	18,575,542	410	58	16	484	8,174,342	
1960	1,170	21,150,188	440	68	15	523	8,946,114	
1961	1,272	23,143,963	452	84	15	551	8,780,038	

UNIT PLANS
NUMBER AND ACREAGE
(continued)
Calendar Year

: YEAR :		APPROVED UNIT PLANS :		: NUMBER OF UNIT PLANS OUTSTANDING :				: Total Acreage :	
: YEAR :		Accumulated Total :		Land Category :				: Total Acreage :	
: :		Number	Acreage	Federal	Indian	OCS	Total	: All Lands :	
1962		1,368	24,647,473	479	88	15	582	8,599,438	
1963		1,460	26,043,502	488	102	16	606	8,254,280	
1964		1,545	27,500,616	484	113	21	618	7,406,404	
1965		1,635	28,765,373	491	123	28	642	7,191,901	
1966		1,730	30,625,485	516	131	43	690	7,722,432	
1967		1,806	31,988,570	535	135	47	717	6,927,391	
1968		1,894	33,094,226	568	143	49	760	6,862,986	
1969		1,999	34,558,385	595	151	78	824	7,645,702	
1970		2,070	35,677,649	597	151	93	841	7,395,224	
1971		2,142	36,712,687	615	157	98	870	7,226,413	
1972		2,230	38,360,598	645	158	100	903	7,611,277	
1973		2,357	40,107,784	710	156	112	978	8,588,036	
1974		2,485	42,811,407	762	159	112	1,033	9,848,249	
1975		2,587	44,558,174	767	156	108	1,031	9,427,809	
1976		2,673	46,036,235	759	159	113	1,031	8,613,190	
1977		2,812	48,196,934	808	162	125	1,095	9,633,532	
1978		2,972	50,930,625	871	165	132	1,168	10,956,407	

UNITIZED PRODUCTION
PERCENTAGE OF TOTAL PRODUCTION
Calendar Years

YEAR	UNITIZED PRODUCTION -- PERCENTAGE OF TOTAL PRODUCTION					
	Federal (%)		Indian (%)		OCS (%)	
	Oil	Gas	Oil	Gas	Oil	Gas
1950	52	46	-	-	-	-
1951	51	38	-	-	-	-
1952	47	27	-	-	-	-
1953	48	25	-	-	-	-
1954	49	26	8	-	-	-
1955	52	29	8	-	-	-
1956	52	29	9	-	4	-
1957	54	34	9	-	11	-
1958	60	37	5	-	20	-
1959	60	39	3	-	23	-
1960	60	40	6	2	28	3
1961	60	42	17	5	34	7
1962	63	37	33	10	37	13
1963	58	44	56	18	37	15
1964	62	40	60	40	38	16
1965	65	45	59	15	37	16
1966	66	47	57	10	38	28
1967	68	50	52	8	40	32
1968	65	45	50	19	40	30
1969	61	34	53	10	40	27
1970	53	32	53	08	43	27
1971	64	50	53	09	37	27
1972	71	47	55	09	37	26
1973	72	50	55	09	34	24
1974	75	50	49	09	32	33
1975	71	47	46	03	17	20
1976	71	46	49	7	25	19
1977	69	47	54	9	23	17
1978	66	48	53	10	24	15

PART 4

FEDERAL AND INDIAN LANDS PRODUCTION AND REVENUE

Producing operations, and revenue accounting procedures, are subject to the regulations contained in Title 30, Chapter II, of the Code of Federal Regulations.

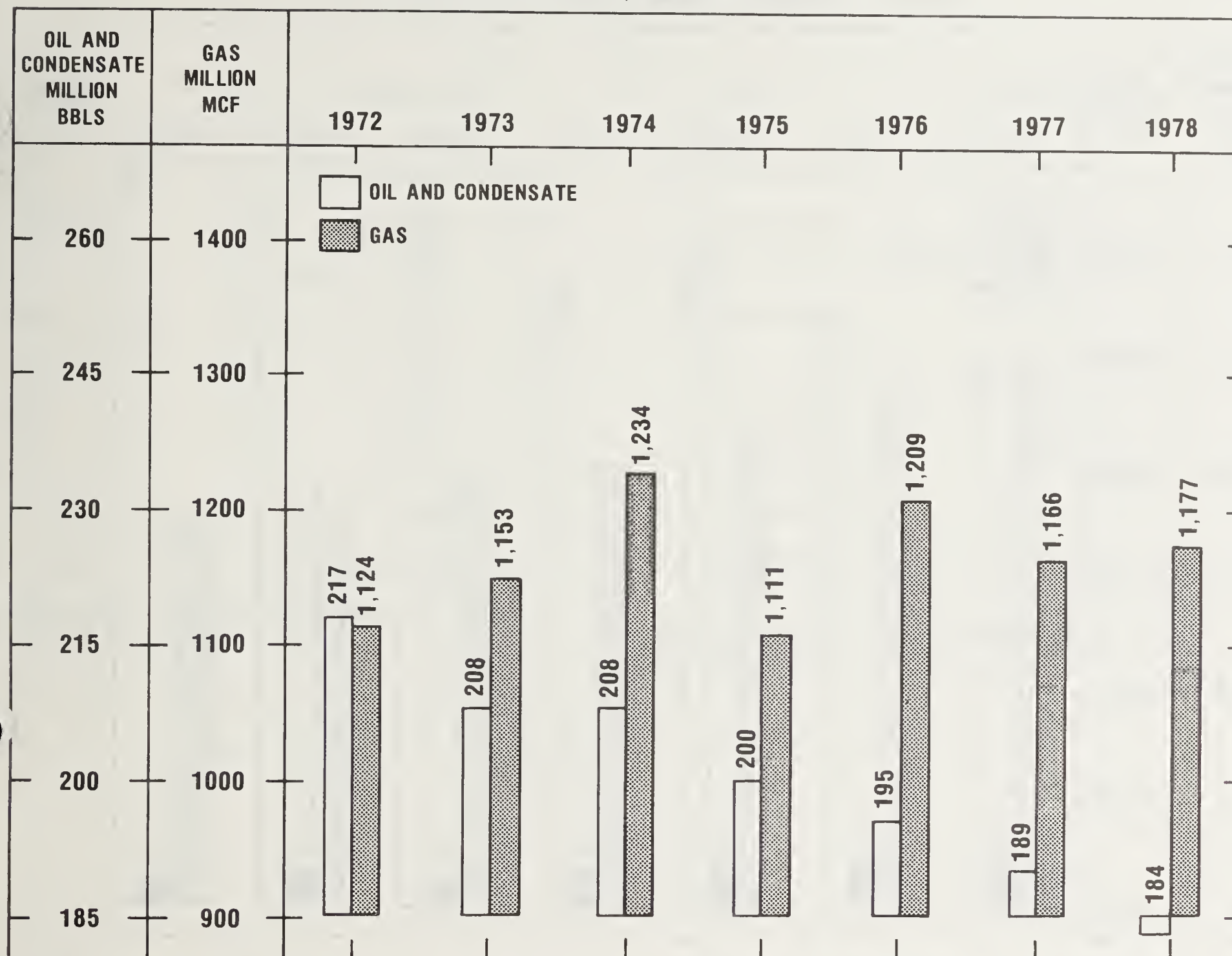
During the current year, the total production of oil and condensate decreased 3.5 percent, or 17.0 million barrels, and gas increased 13.4 percent, or 657 million MCF, over 1977.

The total revenue from royalties for the year exceeded \$1.512 billion, bringing the total royalties to date in excess of \$10.3 billion. The royalties increased \$276 million over 1977, due to the continued increase in oil prices and significant increase in gas prices (average 1977 = 74 cents, 1978 = 94 cents). Of this figure, the increase from the OCS leases amounted to \$230.7 million and an increase of \$45.3 million was from Federal onshore and Indian land leases. The PRODUCTION VALUE of oil is the total average marketed value of old and new oil less approved allowances for transportation. Statistics on OIL AND GAS LOST are shown separately, since this production was not marketed but was lost in spills, blowouts, and fires and gas that was vented or flared.

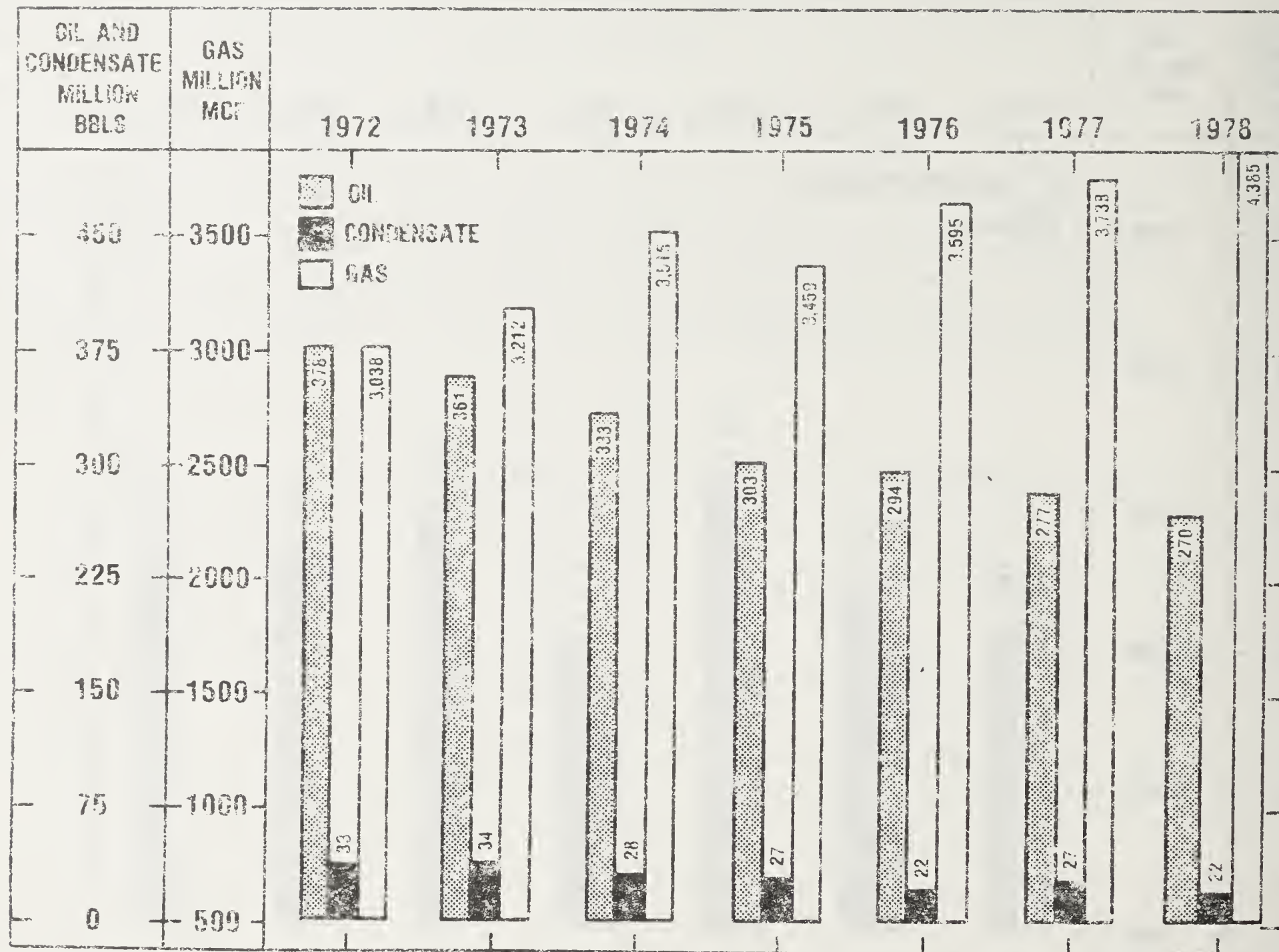
The U.S. units of measure and metric equivalents follow:

Units	Factor		Equivalencies
1 Barrel (42 gallons)	X 0.159005	=	Cubic Meters
1 MCF of Gas (1,000 cubic feet)	X 28.32	=	Cubic Meters
1 Gallon (liquid)	X 3.785	=	Liters
1 Short Ton	X 0.90718486	=	Metric Tons
1 Acre	X 0.40469	=	Hectare (ha)

FEDERAL ONSHORE AND INDIAN LANDS OIL AND CONDENSATE, AND GAS PRODUCTION



OUTER CONTINENTAL SHELF OIL AND CONDENSATE AND GAS PRODUCTION



Cumulative Production, Value, and Royalty
Oil and Gas Operations, all Federal and Indian Lands

1920 - 1978

PRODUCT	PRODUCTION	VALUE	ROYALTY
Oil	11,659,936,635 Barrels	\$44,402,035,667	\$6,621,265,344
Condensate	348,120,527 Barrels	1,869,834,264	312,920,609
Gas	64,616,173,274 MCF	20,713,455,969	3,124,127,120
Gasoline & LPG	31,563,442,717 Gallons	2,561,786,490	172,258,927
Sulfur	16,181,296 Tons	407,625,278	45,855,091
Salt	4,751,619 Tons	773,882	129,546
CO2	8,883,360 MCF	1,435,276	142,502
Oil Lost	175,461 Barrels	1,324,478	182,294
Gas Lost	<u>125,146,868</u> MCF	<u>67,068,070</u>	<u>9,943,629</u>
Total Value & Royalty - All Products 1920 - 1978.....		<u>\$70,025,339,374</u>	<u>\$10,286,825,062</u>

CUMULATIVE PRODUCTION, VALUE AND ROYALTY
OIL AND GAS OPERATIONS, ALL FEDERAL AND INDIAN LANDS

1920 through 1978

STATE	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	1,647,623	172,731
ALASKA	834,213,902	98,966,216
ARIZONA	58,997,947	9,596,917
ARKANSAS	18,196,383	2,597,920
CALIFORNIA	4,006,772,417	520,359,006
COLORADO	1,898,183,094	284,963,951
FLORIDA	113,884	14,237
ILLINOIS	8,965	1,494
INDIANA	15,529	1,859
KANSAS	101,719,726	13,208,227
KENTUCKY	9,602,856	1,429,202
LOUISIANA	39,653,074,480	6,436,595,641
MARYLAND	1,028,885	129,351
MICHIGAN	7,848,609	1,082,655
MISSISSIPPI	188,843,080	22,976,983
MISSOURI	1,087,137,801	139,024,879
NEBRASKA	11,014,142	1,218,435
NEVADA	23,963,089	2,968,379
NEW MEXICO	7,469,295,451	895,443,300
NORTH DAKOTA	243,659,455	29,216,870
OHIO	3,569,886	495,920
OKLAHOMA	1,267,817,699	146,565,927
PENNSYLVANIA	956,794	95,876
SOUTH DAKOTA	3,927,475	510,730
TEXAS	784,177,220	127,232,463
UTAH	2,144,606,187	295,579,757
WASHINGTON	1,170	146
WEST VIRGINIA	9,120,833	1,523,280
WYOMING	9,995,824,792	1,254,852,710
1920 - 1978	<u>70,025,339,374</u>	<u>10,286,825,062</u>

OIL AND GAS OPERATIONS
PRODUCTS AND LANDS
CALENDAR YEAR 1978

PRODUCT & LAND CATEGORY	TOTAL PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
OIL	(BARRELS)		
PUBLIC	154,803,324	1,359,903,946	178,165,773
OUTER CONTINENTAL SHELF	270,421,174	2,627,929,612	429,615,710
ACQUIRED	4,745,180	40,642,818	5,030,452
MILITARY-MISCELLANEOUS	315,526	2,729,810	442,242
INDIAN	24,278,290	215,563,604	32,575,605
TOTAL	454,563,494	4,246,769,790	645,829,782
CONDENSATE	(BARRELS)		
OUTER CONTINENTAL SHELF	21,843,868	226,416,780	37,012,093
GAS	(MCF)		
PUBLIC	1,010,774,197	938,707,468	115,968,904
OUTER CONTINENTAL SHELF	4,385,060,878	4,135,198,537	672,570,441
ACQUIRED	33,501,445	25,524,413	5,954,624
MILITARY-MISCELLANEOUS	20,812,038	11,385,339	1,893,804
INDIAN	111,558,772	125,631,755	17,341,658
TOTAL	5,561,707,330	5,236,447,512	813,729,431
GASOLINE AND LPG	(GALLONS)		
PUBLIC	234,446,296	51,106,413	2,115,930
OUTER CONTINENTAL SHELF	718,771,848	85,728,017	7,744,713
ACQUIRED	(6,173,316)	(351,048)	(50,928)
MILITARY-MISCELLANEOUS	16,023,978	2,509,122	410,536
INDIAN	50,345,708	5,593,643	310,214
TOTAL	1,013,414,514	144,586,147	10,530,465
SULFUR	(TONS)		
PUBLIC	(825,526)	897,540	39,197
OUTER CONTINENTAL SHELF	(5,090)	(27,891)	(4,648)
ACQUIRED	18	48	4
INDIAN	27	103	11
TOTAL	(830,571)	869,800	34,564
CARBON DIOXIDE	(MCF)		
PUBLIC	276,721	132,090	13,150
OIL LOST	(BARRELS)		
PUBLIC	22,518	168,344	13,743
OUTER CONTINENTAL SHELF	25,960	304,009	50,399
ACQUIRED	12	90	11
INDIAN	30	369	62
TOTAL	48,520	472,812	64,215
GAS LOST	(MCF)		
PUBLIC	13,262,747	11,103,970	1,405,814
OUTER CONTINENTAL SHELF	31,917,306	20,950,991	3,357,374
ACQUIRED	662,785	560,571	74,966
INDIAN	64,320	62,849	9,907
TOTAL	45,907,158	32,678,381	4,848,061
TOTAL ALL PRODUCTS		<u>9,888,373,312</u>	<u>1,512,061,761</u>

Summary of Oil and Gas Operations
Federal and Indian Lands
Calendar Year 1978

: PRODUCT & : LAND & CATEGORY	TOTAL PRODUCTION (Barrels)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
<u>Oil & Condensate</u>			
Onshore			
Outer Continental Shelf	159,864,030	1,403,276,574	183,638,467
Indian	292,265,042	2,854,346,392	466,627,803
TOTAL	24,278,290	215,563,604	32,575,605
	476,407,362	4,473,186,570	682,841,875
<u>GAS</u>			
Onshore	(MCF)		
Outer Continental Shelf	1,065,087,680	975,617,220	123,817,332
Indian	4,385,060,878	4,135,198,537	672,570,441
TOTAL	111,558,772	125,631,755	17,341,658
	5,561,707,330	5,236,447,512	813,729,431
<u>GASOLINE & LPG</u>			
Onshore	(Gallons)		
Outer Continental Shelf	244,296,958	53,264,487	2,475,538
Indian	718,771,848	85,728,017	7,744,713
TOTAL	50,345,708	5,593,643	310,214
	1,013,414,514	144,586,147	10,530,465
<u>SULFUR</u>			
Onshore	(Tons)		
Outer Continental Shelf	(825,508)	897,588	39,201
Indian	(5,090)	(27,891)	(4,648)
TOTAL	27	103	11
	(830,571)	869,800	34,564
<u>CARBON DIOXIDE</u>			
Onshore	(MCF)		
	276,721	132,090	13,150
<u>OIL LOST</u>			
Onshore	(Barrels)		
Outer Continental Shelf	22,530	168,434	13,754
Indian	25,960	304,009	50,399
TOTAL	30	369	62
	48,520	472,812	64,215
<u>GAS LOST</u>			
Onshore	(MCF)		
Outer Continental Shelf	13,925,532	11,664,541	1,480,780
Indian	31,917,306	20,950,991	3,357,374
TOTAL	64,320	62,849	9,907
	45,907,158	32,678,381	4,848,061

TOTAL ALL PRODUCTS

\$9,888,373,312

\$1,512,061,761

NOTE: Onshore includes Public, Acquired, Military Lands

Production Value and Royalty
Oil and Gas Operations, All Federal and Indian Lands

Calendar Year 1978

STATE	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
Alabama	57,007	7,126
Alaska	56,437,290	7,054,815
Arizona	2,646,414	411,017
Arkansas	6,180,635	873,889
California	218,923,918	32,720,576
Colorado	174,638,648	27,976,201
Florida	69,378	8,673
Illinois	2,436	406
Kansas	10,079,508	1,344,789
Kentucky	343,420	44,925
Louisiana	6,748,477,093	1,091,003,073
Maryland	2,057	257
Michigan	1,355,831	176,390
Mississippi	10,271,161	1,299,292
Montana	79,717,784	9,934,087
Nebraska	1,919,850	254,061
Nevada	10,882,594	1,360,324
New Mexico	1,029,401,444	127,683,044
North Dakota	29,193,240	3,534,492
Ohio	74,635	9,325
Oklahoma	99,895,801	13,404,946
South Dakota	1,578,897	199,537
Texas	313,514,037	52,068,762
Utah	164,115,911	23,813,251
West Virginia	7,405	926
Wyoming	928,586,918	116,877,577
TOTAL 1978	<u>\$9,888,373,312</u>	<u>\$1,512,061,761</u>

OIL AND GAS OPERATIONS
ALL PRODUCTS - ALL LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	2,581,452.843	312,405,973
1951	295,088.579	34,605,239
1952	305,443.463	36,368,681
1953	369,425.127	44,683,311
1954	411,482.758	50,986,410
1955	455,607.328	57,039,197
1956	503,478.468	65,198,542
1957	611,169.559	79,623,595
1958	704,875.252	92,369,599
1959	826,745.550	112,157,805
1960	902,639.043	125,033,051
1961	1,002,975.187	142,214,664
1962	1,113,672.550	160,872,961
1963	1,217,243.005	175,920,358
1964	1,274,218.642	186,451,832
1965	1,392,343,655	200,268,913
1966	1,623,375.256	237,589,177
1967	1,808,604.711	266,062,059
1968	2,040,564.712	309,692,808
1969	2,339,759.286	352,238,196
1970	2,623,999.714	397,934,189
1971	3,073,951.781	466,040,455
1972	3,147,539.339	478,761,431
1973	3,561,622.293	525,694,739
1974	5,298,591,058	775,914,503
1975	5,840,682,817	860,889,494
1976	6,558,937,447	978,491,215
1977	8,223,176,829	1,235,254,904
1978	9,888,373,312	1,512,061,761
THROUCH 1978	70,025,339,374	10,286,825,062

OIL AND GAS OPERATIONS
ALL PRODUCTS - PUBLIC LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1951	234.640.448	27.548.049
1952	241.604.328	28.609.330
1953	292.393.147	35.072.403
1954	323.820.596	39.222.639
1955	340.953.265	41.508.394
1956	370.388.103	46.402.379
1957	438.224.644	54.873.743
1958	441.831.410	54.606.791
1959	462.191.091	57.759.779
1960	486.166.964	60.530.568
1961	532.630.679	68.583.629
1962	540.203.537	67.377.008
1963	570.768.041	71.458.113
1964	588.165.200	73.185.591
1965	629.806.527	74.367.529
1966	663.870.348	77.829.112
1967	669.405.070	83.090.564
1968	691.700.848	85.802.946
1969	725.358.671	89.434.919
1970	735.956.028	90.463.332
1971	754.688.757	91.563.819
1972	741.926.643	91.672.074
1973	883.538.045	108.921.058
1974	1.414.743.294	177.008.048
1975	1.466.863.179	196.332.960
1976	1.766.708.991	223.744.064
1977	2.055.567.664	258.117.693
1978	2.362.019.771	297.722.511
THROUGH 1978	23.568.303.650	2.907.474.654

OIL AND GAS OPERATIONS
ALL PRODUCTS - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	4,038.861	967.892
1954	14,370.098	2,748.977
1955	27,060.079	5,140.006
1956	39,497.871	7,629.383
1957	61,072.588	11,391.245
1958	96,471.136	17,423.878
1959	150,472.527	26,539.977
1960	200,469.615	37,095.301
1961	275,626.450	47,920.332
1962	376,671.900	66,096.334
1963	450,866.484	76,999.225
1964	506,783.510	88,400.230
1965	594,222.732	102,862.540
1966	801,724.611	136,987.537
1967	947,214.091	157,607.609
1968	1,179,912.209	201,135.931
1969	1,443,870.472	240,090.666
1970	1,707,593.450	283,494.568
1971	2,133,677.076	350,042.488
1972	2,229,179.121	363,556.339
1973	2,486,864.855	401,126.114
1974	3,670,053.959	560,283.889
1975	3,924,914.930	615,544.570
1976	4,402,439.996	699,424.790
1977	5,774,056.434	919,647,466
1978	7,096,500.055	1,150,346,082
THROUGH 1978	40,447,138.318	6,570,504,369

OIL AND GAS OPERATIONS
ALL PRODUCTS - ACQUIRED LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	20.514.982	2.121.556
1951	11.228.295	1.404.232
1952	15.367.941	1.685.014
1953	13.416.387	1.696.869
1954	10,291.361	1.268.203
1955	21.494.341	2.601.401
1956	21.786.030	2.489,271
1957	23.797.088	2.924.882
1958	22.733.661	2.858.474
1959	22.252.125	2.823.676
1960	21.609.448	2,692.050
1961	21.052.600	2,685.188
1962	21.858.493	2.712.625
1963	23.827.687	2.998.321
1964	30.080.513	3.904.080
1965	29.041.769	3.671.930
1966	34.649.984	4.334.594
1967	43.963.962	5.145.645
1968	38.563.626	4.732.631
1969	40.225.720	4.804.175
1970	40.359.118	5.007.148
1971	40.762.042	4.846.045
1972	37.395.345	4.465,629
1973	37.644.388	4.549.854
1974	47.484.861	5.634.460
1975	52.031.760	6.471.695
1976	58.231.127	7.328,424
1977	62.187.379	8.002.598
1978	66.376.892	11.009.129
TOTAL		
1978	628.226,475	117.879.799

OIL AND GAS OPERATIONS
ALL PRODUCTS - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1951	507.601	41.850
1952	3,244.422	597.876
1953	2,537.784	432.311
1954	4,361.618	829.293
1955	5,072.850	948.472
1956	7,080.995	1,168.661
1957	6,932.145	1,254.906
1958	7,751.892	1,103.759
1959	8,764.245	1,234.428
1960	8,978.714	1,344.500
1961	12,615.413	1,825.244
1962	23,952.000	4,719.180
1963	22,828.332	4,689.407
1964	20,773.093	4,168.282
1965	18,954.624	3,039.908
1966	14,007.214	2,569,246
1967	10,924.206	1,895,506
1968	9,499.857	1,584.099
1969	8,127.407	1,334.945
1970	7,532.029	1,214.654
1971	6,957.970	1,131,671
1972	7,495.344	1,179.065
1973	9,060.050	1,429,275
1974	12,003,065	1,918.466
1975	9,834.756	1,727,246
1976	14,214.420	2,274.961
1977	10,840.613	1,774,001
1978	16,624.271	2,746.582
TOTAL	291,011.742	50,177.902

OIL AND GAS OPERATIONS
ALL PRODUCTS - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD	223.710.147	40.032.520
1951	7.071.061	861.802
1952	6.582.083	803.819
1953	8.002.280	990.938
1954	7.747.354	959.177
1955	7.460.936	986.632
1956	8.754.450	1.089.978
1957	9.858.870	1.188.815
1958	9.745.710	1.208.991
1959	16.215.483	2,210.600
1960	15.404.711	2.215.588
1961	15.257.343	2.083.119
1962	14.464.356	1.965.195
1963	14.172.503	1.941.841
1964	12.994.838	1.779.782
1965	12.614.917	1.733.302
1966	11.696.122	1,596,662
1967	10.453.124	1,370.414
1968	9.947.967	1.276.892
1969	10.317.665	1.352.546
1970	12.061.960	1.648.658
1971	11.945.210	1.601.977
1972	10.283.560	1.332.132
1973	10.261.609	1.280.975
1974	13.916.601	1.658.832
1975	14,626.808	1.609.487
1976	12.404.705	1.346.888
1977	--	--
1978	--	--
THROUGH 1978	519.256.078	78.131.562

OIL AND GAS OPERATIONS
ALL PRODUCTS - INDIAN LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD		
1951	300.074.762	34.636.288
1952	41.843.174	4.749.297
1953	40.894.889	4.612.642
1954	40.031.668	5.522.898
1955	50.931.721	5.958.121
1956	51.276.267	5.854.292
1957	55.571.039	6.418.870
1958	69.479.204	7.989.914
1959	126.341.443	15.167.706
1960	176.850.081	21.589.345
1961	168.505.591	21.151.044
1962	147.742.346	19.117.152
1963	136.512.864	18.002.610
1964	134.775.955	17.833.451
1965	115.521.788	15.013.867
1966	109.663.086	14.593.704
1967	106.828.872	14.272.026
1968	126.638.644	16.952.321
1969	110.940.205	15.159.309
1970	111.859.351	15.220.945
1971	120.457.129	16.105.829
1972	123.900.674	16.854.455
1973	121.259.326	16.556.192
1974	134.253.337	18.387.463
1975	235.389.278	33.410.808
1976	272.611.184	39.203.536
1977	304.908.208	44.372.088
1978	330.144.564	47.713.146
THROUGH	346.852.220	50.237.457
1978	4.220.631.611	562.656.776

GIL - ALL LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: :	BARRELS :	VALUE(\$) :	VALUE(\$) :
PERIOD	1,669,421.730	2,501,345,286	317,909,249
1952	115,701,347	269,100,997	32,780,792
1953	130,711,734	324,255,573	40,145,561
1954	138,019,689	351,011,442	44,339,047
1955	151,817,657	388,328,476	49,413,722
1956	167,136,715	430,257,232	56,803,188
1957	182,948,441	519,926,471	69,280,507
1958	210,295,151	597,199,312	80,037,532
1959	251,373,761	690,606,851	94,525,674
1960	270,405,286	726,547,519	103,136,255
1961	289,977,875	798,214,054	116,367,208
1962	312,661,163	869,284,596	127,643,456
1963	331,976,226	933,939,944	137,096,364
1964	343,705,812	959,815,800	143,358,341
1965	365,611,537	1,038,537,411	153,975,248
1966	409,395,647	1,179,404,613	175,938,383
1967	453,275,059	1,298,491,306	199,271,333
1968	503,496,115	1,450,612,826	225,186,012
1969	543,811,434	1,663,789,418	258,052,080
1970	580,064,394	1,818,939,975	283,476,177
1971	618,542,358	2,093,423,076	326,534,099
1972	595,561,608	2,009,149,272	314,690,806
1973	569,217,869	2,263,160,762	349,219,094
1974	540,637,998	3,546,478,893	538,132,394
1975	503,297,522	3,666,751,331	557,070,318
1976	489,824,974	3,835,602,230	581,087,934
1977	466,484,039	3,931,091,211	599,964,898
1978	454,563,494	4,246,769,790	645,829,782
THROUGH			
1978	11,659,936,635	44,402,035,667	6,621,265,344

OIL & CONDENSATE - ALL LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,669,421,730	2,501,345,286	317,909,249
1952	115,701,347	269,100,997	32,780,792
1953	130,921,797	324,975,237	40,281,014
1954	138,638,746	352,959,246	44,700,543
1955	152,651,288	390,952,810	49,897,140
1956	168,014,892	432,995,419	57,309,126
1957	183,645,557	522,323,777	69,712,777
1958	211,355,080	600,669,796	80,665,312
1959	252,893,753	695,478,696	95,415,410
1960	272,712,131	733,867,918	104,464,781
1961	293,042,183	807,741,957	118,155,251
1962	317,465,836	884,159,503	130,442,809
1963	338,224,168	953,108,254	140,715,202
1964	351,228,685	982,757,299	147,645,243
1965	374,344,090	1,065,201,732	158,963,860
1966	422,922,327	1,221,154,845	183,617,878
1967	469,276,138	1,346,681,315	207,899,041
1968	520,475,660	1,505,779,056	234,975,368
1969	561,241,944	1,724,532,147	268,642,482
1970	603,587,677	1,900,347,645	297,450,367
1971	646,911,213	2,196,447,936	343,982,338
1972	628,950,312	2,132,051,243	335,283,881
1973	603,059,084	2,403,880,718	372,454,007
1974	568,877,908	3,748,433,310	570,931,081
1975	530,375,853	3,887,936,616	593,135,061
1976	512,262,058	4,033,236,847	613,165,542
1977	493,448,343	4,180,563,756	640,748,523
1978	476,407,362	4,473,186,570	682,841,875
THROUGH 1978	12,008,057,162	46,271,869,931	6,934,185,953

GIL - PUBLIC LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: : BARRELS :	VALUE (\$) :	VALUE (\$) :	
PRIOR	1,304,594,009	1,979,109,907	240,427,046
1952	93,972,239	215,658,771	26,403,320
1953	104,941,345	257,734,054	31,901,292
1954	110,595,718	280,737,719	35,125,503
1955	117,652,841	296,980,595	37,234,614
1956	127,401,342	321,508,116	41,584,481
1957	135,210,667	375,758,556	48,390,642
1958	136,892,966	374,876,444	47,860,635
1959	147,443,539	387,112,654	49,776,637
1960	155,582,659	402,104,794	51,454,780
1961	168,950,475	440,773,074	59,029,049
1962	171,096,676	448,466,723	57,528,520
1963	178,333,811	467,903,523	60,567,838
1964	179,503,777	471,694,791	60,658,435
1965	181,400,184	489,875,664	60,899,172
1966	186,593,075	511,288,854	62,558,202
1967	193,363,149	514,782,573	66,815,814
1968	200,961,659	528,501,690	68,038,129
1969	201,465,849	566,145,061	71,913,973
1970	196,082,346	564,547,543	71,503,906
1971	183,652,895	568,671,798	71,220,950
1972	175,565,007	543,272,993	69,475,802
1973	170,279,204	640,611,560	81,657,305
1974	168,781,546	1,099,908,761	141,505,817
1975	163,061,742	1,178,215,758	153,555,392
1976	160,880,622	1,221,095,070	159,660,734
1977	158,554,169	1,241,996,573	162,627,887
1978	154,803,324	1,359,903,946	178,165,773
THROUGH			
1978	5,627,622,835	17,749,237,965	2,267,541,648

INCLUDES CONDENSATE

OIL - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	940,634	2,770,866	584,088
1954	2,723,173	8,028,326	1,681,702
1955	5,871,853	17,318,314	3,539,946
1956	10,136,355	29,764,624	6,019,747
1957	15,373,071	51,166,849	9,793,597
1958	23,709,108	77,266,710	14,482,598
1959	34,177,529	108,197,518	20,331,723
1960	47,359,144	139,113,972	27,843,125
1961	61,265,770	192,144,960	35,462,210
1962	84,931,909	264,052,899	48,707,457
1963	98,331,298	313,797,445	55,618,246
1964	114,977,253	352,677,995	64,360,892
1965	136,236,062	417,141,510	75,419,562
1966	175,187,390	537,917,792	96,028,102
1967	205,860,535	633,989,826	112,770,550
1968	252,016,345	780,113,838	138,248,305
1969	295,429,477	958,388,119	167,701,123
1970	337,122,885	1,112,183,855	193,102,272
1971	390,180,091	1,378,656,056	235,780,785
1972	378,497,189	1,331,063,800	227,096,426
1973	360,888,784	1,480,012,269	248,255,928
1974	332,354,155	2,196,822,331	361,566,306
1975	303,159,121	2,207,663,216	363,462,463
1976	294,483,025	2,335,775,088	380,224,980
1977	276,983,936	2,434,108,445	400,363,388
1978	270,421,174	2,627,929,612	429,615,710
TOTAL	4,508,617,266	21,988,066,235	3,718,061,231

CONDENSATE - OUTER CONTINENTAL SHELF

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: :	BARRELS :	VALUE(\$):	VALUE(\$):
1953	210,063	719,664	135,453
1954	619,057	1,947,804	361,496
1955	833,631	2,624,334	483,418
1956	873,177	2,738,187	505,938
1957	697,116	2,397,306	432,270
1958	1,059,929	3,470,484	627,780
1959	1,519,992	4,871,845	889,736
1960	2,305,845	7,320,399	1,328,526
1961	3,064,308	9,527,903	1,788,043
1962	4,804,673	14,874,907	2,799,353
1963	6,247,942	19,168,310	3,618,838
1964	7,522,873	22,941,499	4,286,902
1965	8,732,553	26,664,321	4,988,612
1966	13,526,680	41,750,232	7,679,495
1967	16,001,079	48,190,009	8,627,708
1968	16,979,545	55,166,230	9,789,356
1969	17,430,510	60,742,729	10,590,402
1970	23,523,283	81,407,670	13,974,190
1971	28,368,855	103,024,860	17,448,239
1972	33,388,704	122,901,971	20,593,075
1973	33,841,215	140,719,956	23,234,913
1974	28,239,910	201,954,417	32,798,697
1975	27,078,331	221,185,285	36,064,743
1976	22,437,084	197,634,617	32,077,708
1977	26,964,304	249,472,545	40,783,625
1978	21,843,868	226,416,780	37,012,093
THROUGH			
1978	348,120,527	1,869,834,264	312,920,609

OIL & CONDENSATE - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	1,150,697	3,490,530	719,541
1954	3,342,230	9,976,130	2,043,198
1955	6,705,484	19,942,648	4,023,364
1956	11,014,532	32,502,811	6,525,685
1957	16,070,187	53,564,155	10,225,867
1958	24,759,037	80,737,194	15,110,378
1959	35,697,521	113,069,363	21,221,459
1960	49,665,989	146,434,371	29,171,651
1961	64,330,078	201,672,863	37,250,253
1962	89,736,582	278,927,806	51,506,810
1963	104,579,240	332,965,755	59,237,084
1964	122,500,126	375,619,494	68,647,794
1965	144,968,615	443,805,831	80,408,174
1966	188,714,070	579,668,024	103,707,597
1967	221,861,614	682,179,835	121,398,258
1968	268,995,890	835,230,068	148,037,661
1969	312,859,987	1,019,130,848	178,291,525
1970	360,646,168	1,193,591,525	207,076,462
1971	418,548,946	1,481,680,916	253,229,024
1972	411,885,893	1,453,965,771	247,689,501
1973	394,729,999	1,620,732,225	271,490,841
1974	360,594,065	2,398,776,748	394,365,003
1975	330,237,452	2,428,848,501	399,527,206
1976	316,920,109	2,533,409,705	412,302,688
1977	303,948,240	2,683,580,990	441,147,013
1978	292,265,042	2,854,346,392	466,627,803
THROUGH 1978	4,856,737,793	23,857,900,499	4,030,981,840

OIL - ACQUIRED LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: :	BARRELS :	VALUE (\$) :	VALUE (\$) :
PRIGR	7,685,597	19,704,856	2,021,461
1952	4,215,343	11,002,893	1,332,808
1953	4,100,035	11,289,299	1,365,030
1954	2,862,960	7,814,787	936,267
1955	6,582,287	18,840,125	2,071,095
1956	6,019,508	18,693,408	1,938,981
1957	5,957,180	19,141,194	2,230,689
1958	5,427,265	17,429,499	2,007,502
1959	5,246,896	16,099,539	1,902,115
1960	5,400,439	16,222,675	1,880,548
1961	5,671,635	16,653,799	1,934,791
1962	5,896,846	17,659,153	2,032,415
1963	6,351,136	18,786,230	2,229,263
1964	6,864,628	20,374,977	2,508,196
1965	8,299,399	24,180,689	2,814,548
1966	10,162,671	28,901,413	3,326,008
1967	13,584,151	38,836,162	4,304,189
1968	11,381,348	33,070,393	3,742,995
1969	11,200,534	34,306,764	3,933,267
1970	10,619,459	33,495,119	3,836,397
1971	9,663,655	32,688,090	3,718,798
1972	8,430,096	28,336,681	3,237,186
1973	7,419,540	28,847,114	3,290,259
1974	6,345,202	38,428,114	4,469,526
1975	5,933,877	40,254,693	4,938,558
1976	6,082,754	43,693,988	5,398,970
1977	5,659,890	43,782,585	5,306,328
1978	4,745,180	40,642,818	5,030,452
THROUGH			
1978	197,809,511	719,177,057	83,738,642

INCLUDES CONDENSATE

OIL - MILITARY & MISCELLANEOUS LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: :	BARRELS :	VALUE(\$) :	VALUE(\$) :
PRICE	105,837	280,331	35,042
1952	582,287	1,549,414	205,954
1953	522,972	1,467,636	192,840
1954	585,800	1,703,050	223,554
1955	681,836	1,985,608	261,558
1956	907,944	2,687,541	373,562
1957	1,334,134	4,349,997	608,211
1958	1,193,514	3,692,505	534,578
1959	1,192,339	3,667,202	518,938
1960	1,350,615	4,169,084	592,650
1961	1,821,436	6,064,103	898,584
1962	2,645,697	8,032,264	1,555,860
1963	2,601,703	7,835,013	1,568,495
1964	2,503,467	7,439,766	1,435,753
1965	2,097,570	6,163,808	1,030,222
1966	1,659,616	4,958,046	813,945
1967	1,205,075	3,633,313	591,009
1968	1,065,528	3,272,986	528,077
1969	860,479	2,768,734	443,778
1970	720,957	2,357,026	378,501
1971	614,033	2,157,324	347,547
1972	527,622	1,860,795	299,378
1973	422,973	1,625,732	260,690
1974	364,304	2,650,155	421,724
1975	305,380	1,913,607	299,375
1976	307,686	2,121,966	335,890
1977	253,435	2,119,672	339,304
1978	315,526	2,729,810	442,242
THROUGH			
1978	28,749,765	95,256,488	15,537,261

INCLUDES CONDENSATE

OIL - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	163,531,312	186,886,447	37,782,216
1952	2,244,393	5,803,017	749,715
1953	2,353,249	6,957,131	916,583
1954	2,206,989	6,655,619	873,019
1955	2,253,842	6,877,567	903,636
1956	2,459,072	7,520,349	992,349
1957	2,395,952	8,094,676	1,057,469
1958	2,436,065	7,984,498	1,046,020
1959	4,501,638	14,058,546	2,001,938
1960	4,769,681	14,116,475	1,990,424
1961	4,259,116	12,568,369	1,741,976
1962	3,868,245	11,404,725	1,597,802
1963	3,809,299	11,208,795	1,586,044
1964	3,553,369	10,395,256	1,465,484
1965	3,461,424	10,097,461	1,437,235
1966	3,200,392	9,186,946	1,316,197
1967	2,778,825	8,127,939	1,112,033
1968	2,755,205	7,567,480	1,026,707
1969	2,788,267	8,137,938	1,120,342
1970	2,956,430	9,215,920	1,300,247
1971	2,810,006	9,386,423	1,324,538
1972	2,366,297	7,878,263	1,075,055
1973	2,141,673	7,879,572	1,042,448
1974	2,107,885	10,796,894	1,339,130
1975	1,457,192	10,748,016	1,206,385
1976	847,597	9,453,489	1,027,850
1977-78	--	--	--
THROUGH			
1978	234,323,415	419,007,811	69,032,842

INCLUDES CONDENSATE

OIL - INDIAN LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	193,504,975	315,363,745	37,643,484
1952	14,687,085	35,086,902	4,088,995
1953	17,853,499	44,036,587	5,185,728
1954	19,045,049	46,071,941	5,499,002
1955	18,774,998	46,326,267	5,402,873
1956	20,202,494	50,083,194	5,894,068
1957	22,677,437	61,415,199	7,199,899
1958	40,636,233	115,949,656	14,106,199
1959	58,811,820	161,471,392	19,994,323
1960	55,942,748	150,820,519	19,374,728
1961	48,009,443	130,009,749	17,300,598
1962	44,221,790	119,668,832	16,221,402
1963	42,548,979	114,408,938	15,526,478
1964	36,303,318	97,233,015	12,929,581
1965	34,116,898	91,078,279	12,374,509
1966	32,592,503	87,151,562	11,895,929
1967	36,483,324	99,121,493	13,677,738
1968	35,316,030	98,036,439	13,601,799
1969	32,066,828	94,042,802	12,939,597
1970	32,562,317	97,140,512	13,354,854
1971	31,521,678	101,863,385	14,141,481
1972	30,175,397	96,736,740	13,506,959
1973	28,065,695	104,184,115	14,712,464
1974	30,684,906	197,872,638	28,829,881
1975	29,380,210	227,956,041	33,608,145
1976	27,217,290	223,462,629	34,439,410
1977	25,032,609	209,083,936	31,327,991
1978	24,278,290	215,563,604	32,575,605
THROUGH 1978	1,062,813,843	3,431,290,111	467,353,720

INCLUDES CONDENSATE

GAS - ALL LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	2,379,094,495	173,299,382	19,955,844
1952	243,887,039	22,103,221	2,887,503
1953	289,681,635	27,683,780	3,508,754
1954	384,946,114	41,457,449	5,426,341
1955	431,148,864	46,679,037	6,365,590
1956	488,515,610	53,099,064	7,047,311
1957	618,622,081	70,891,563	9,058,294
1958	684,146,335	81,343,235	10,660,144
1959	831,004,688	119,196,457	15,670,463
1960	946,545,802	143,293,059	19,075,286
1961	1,024,616,870	160,607,813	21,464,112
1962	1,174,691,417	195,749,243	27,852,239
1963	1,366,820,958	223,928,725	31,680,464
1964	1,505,193,543	249,428,960	35,033,270
1965	1,556,524,155	275,857,021	36,478,721
1966	2,020,097,414	346,845,625	48,005,363
1967	2,404,172,359	389,688,684	52,114,354
1968	2,603,945,807	450,890,202	68,457,026
1969	3,042,277,611	529,793,543	77,863,986
1970	3,554,386,271	615,647,765	91,923,859
1971	3,949,927,513	736,679,781	110,855,352
1972	4,162,967,570	870,272,796	131,797,472
1973	4,364,221,909	985,645,458	149,507,948
1974	4,748,651,256	1,193,190,980	181,452,284
1975	4,569,549,389	1,580,462,641	242,706,300
1976	4,804,603,288	2,246,509,148	342,707,253
1977	4,904,225,951	3,646,763,825	560,842,156
1978	5,561,707,330	5,236,447,512	813,729,431
THROUGH 1978	64,616,173,274	20,713,455,969	3,124,127,120

GAS - PUBLIC LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: : MCF :	: VALUE (\$) :	: VALUE (\$) :	
PRIOR	2,038,539,445	145,900,220	15,166,185
1952	172,797,277	14,414,230	1,682,925
1953	223,097,590	20,525,871	2,392,652
1954	260,661,003	28,447,239	3,349,697
1955	273,535,090	30,346,803	3,606,396
1956	312,918,557	34,441,069	4,095,207
1957	417,719,468	47,569,893	5,754,160
1958	417,713,018	47,247,637	5,827,649
1959	460,359,604	57,357,183	7,092,240
1960	513,463,510	66,353,677	8,139,267
1961	538,842,841	71,444,865	8,534,532
1962	518,137,371	71,306,325	8,884,420
1963	587,724,390	83,526,937	10,048,159
1964	664,939,303	94,972,112	11,582,894
1965	710,621,779	118,317,822	12,574,861
1966	807,015,632	126,190,744	14,165,726
1967	975,536,613	126,243,605	15,048,818
1968	942,192,519	136,927,127	16,566,225
1969	902,864,518	135,814,227	16,512,809
1970	933,930,236	144,097,667	17,778,962
1971	978,504,806	154,207,494	18,959,267
1972	927,262,696	169,659,796	20,888,677
1973	961,626,091	205,884,381	25,445,556
1974	1,049,699,048	264,763,891	32,982,392
1975	942,411,814	317,016,570	39,384,130
1976	1,026,951,041	497,277,294	61,384,631
1977	995,594,159	742,000,987	91,797,422
1978	1,010,774,197	938,707,468	115,968,904
THROUGH			
1978	20,565,433,626	4,890,963,134	595,614,763

GAS - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	19,881,055	1,546,331	248,351
1954	56,325,083	4,393,968	705,779
1955	81,279,042	7,118,031	1,116,642
1956	82,892,538	6,995,060	1,103,698
1957	82,573,604	7,508,433	1,165,378
1958	127,692,848	15,733,942	2,313,500
1959	207,156,296	37,403,164	5,318,518
1960	273,034,451	52,761,614	7,636,074
1961	318,280,095	64,615,520	9,483,489
1962	451,952,659	92,209,196	13,748,400
1963	564,352,606	106,783,758	16,136,781
1964	621,731,438	118,377,080	17,887,512
1965	645,589,469	126,977,562	19,248,110
1966	1,007,447,235	189,381,492	29,142,325
1967	1,187,215,750	227,694,353	32,034,125
1968	1,524,178,078	291,257,157	48,453,728
1969	1,954,486,975	365,770,489	57,390,306
1970	2,418,676,591	438,135,408	69,445,227
1971	2,777,043,418	549,648,012	87,405,869
1972	3,038,554,773	663,647,779	105,892,430
1973	3,211,588,422	736,877,724	118,244,998
1974	3,514,723,907	877,700,506	141,653,952
1975	3,458,693,454	1,205,677,587	195,198,256
1976	3,595,923,526	1,652,842,563	268,090,028
1977	3,737,746,922	2,766,397,049	449,322,812
1978	4,385,060,878	4,135,198,537	672,570,441
THROUGH 1978	39,344,081,113	14,742,653,315	2,370,956,729

GAS - ACQUIRED LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	42,415,850	11,554,240	2,504,072
1952	3,451,233	2,172,820	338,459
1953	3,274,051	2,103,666	328,557
1954	7,432,954	2,434,203	331,899
1955	13,452,395	2,646,570	530,200
1956	14,563,264	3,069,601	549,884
1957	20,162,120	4,571,761	689,994
1958	28,035,077	5,271,016	848,812
1959	29,379,281	6,121,928	919,739
1960	27,936,767	5,366,788	810,297
1961	23,020,236	4,356,406	749,812
1962	19,630,273	4,155,524	678,929
1963	24,149,509	4,989,019	766,559
1964	40,637,419	9,690,751	1,395,024
1965	22,833,638	4,835,587	856,233
1966	27,561,784	5,730,189	1,007,470
1967	25,266,876	5,109,322	839,865
1968	25,192,539	5,479,838	988,455
1969	27,057,260	5,370,870	847,291
1970	34,194,101	7,294,894	1,187,618
1971	36,924,567	8,018,537	1,122,520
1972	39,843,511	9,021,615	1,225,563
1973	34,906,662	8,560,488	1,233,086
1974	28,622,424	8,020,883	1,057,327
1975	33,451,377	11,181,683	1,488,032
1976	31,158,641	13,680,942	1,863,975
1977	33,086,630	17,308,073	2,604,592
1978	33,501,445	25,524,413	5,954,624
THROUGH 1978	731,145,884	203,641,627	33,718,888

GAS - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
2010	237,129	27,270	6,817
1952	14,675,045	1,679,897	390,033
1953	11,543,574	1,055,117	237,592
1954	23,870,446	2,646,564	604,239
1955	27,821,627	3,076,321	685,549
1956	37,763,033	4,378,812	793,268
1957	38,911,729	4,568,237	645,046
1958	34,047,738	4,041,245	567,004
1959	39,647,686	5,076,517	712,924
1960	36,114,748	4,731,478	739,924
1961	41,677,867	5,970,687	832,677
1962	86,382,929	12,984,649	2,607,667
1963	78,867,844	11,305,739	2,359,759
1964	67,496,659	9,645,309	1,978,952
1965	55,044,729	7,800,645	1,451,824
1966	47,944,559	6,702,801	1,221,595
1967	34,279,197	4,895,606	873,810
1968	32,355,031	4,341,222	737,228
1969	28,405,044	3,984,122	666,127
1970	24,275,230	3,523,494	581,972
1971	22,481,477	3,442,441	563,255
1972	25,364,900	4,285,247	669,626
1973	28,665,073	5,585,760	877,353
1974	26,677,235	6,714,919	1,074,211
1975	21,313,841	5,251,453	1,032,643
1976	21,804,398	9,428,439	1,554,140
1977	14,775,757	6,977,841	1,150,448
1978	20,812,038	11,385,339	1,893,804
THROUGH 1978	943,256,463	155,507,171	27,509,487

GAS - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	143,986,974	8,952,090	1,322,554
1952	1,266,978	177,377	22,333
1953	1,576,095	220,653	27,945
1954	1,689,539	236,892	29,950
1955	1,844,356	258,914	33,514
1956	2,638,241	370,124	48,557
1957	3,195,104	595,024	78,088
1958	4,074,323	856,895	112,526
1959	4,934,293	1,162,773	152,207
1960	4,955,706	1,323,151	174,260
1961	6,144,654	1,736,308	273,296
1962	6,345,639	2,178,311	310,845
1963	6,259,892	2,057,584	298,556
1964	5,874,316	1,809,217	262,393
1965	5,735,395	1,698,676	244,275
1966	5,254,036	1,634,503	228,830
1967	5,130,528	1,543,544	209,132
1968	5,171,126	1,524,029	204,165
1969	4,769,758	1,431,470	191,003
1970	6,640,860	2,096,553	304,642
1971	4,550,787	1,591,682	207,959
1972	3,995,722	1,438,672	189,070
1973	3,546,616	1,333,942	172,936
1974	3,848,176	1,743,429	226,854
1975	3,576,068	2,333,759	303,898
1976	2,226,510	1,947,266	253,365
THROUGH			
1978	249,231,692	42,252,838	5,883,153

GAS - INDIAN LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: : MCF :	: VALUE (\$) :	: VALUE (\$) :	
PRIOR	153,915,097	6,865,562	956,216
1952	51,696,506	3,658,897	453,753
1953	30,309,270	2,232,142	273,657
1954	34,967,089	3,298,583	404,777
1955	33,216,354	3,232,398	393,289
1956	37,739,967	3,844,398	456,697
1957	56,060,056	6,078,215	725,628
1958	72,583,331	8,192,500	990,653
1959	89,527,528	12,074,892	1,474,835
1960	91,040,620	12,756,351	1,575,464
1961	96,651,177	12,484,027	1,590,306
1962	92,242,646	12,915,238	1,621,978
1963	105,466,717	15,265,688	2,070,650
1964	104,514,408	14,934,491	1,926,495
1965	116,694,145	16,226,729	2,103,418
1966	124,874,168	17,205,896	2,239,417
1967	176,743,395	24,202,254	3,108,604
1968	74,856,514	11,360,829	1,507,225
1969	124,694,056	17,422,365	2,256,450
1970	136,669,253	20,498,749	2,625,438
1971	130,422,458	19,771,615	2,596,482
1972	127,945,968	22,219,687	2,932,106
1973	123,889,045	27,403,163	3,534,019
1974	125,080,466	34,247,352	4,457,548
1975	110,102,835	39,001,589	5,299,341
1976	126,539,172	71,332,644	9,561,114
1977	123,022,483	114,079,875	15,966,882
1978	111,558,772	125,631,755	17,341,658
THROUGH			
1978	2,783,023,496	678,437,884	90,444,100

GASOLINE AND LPG - ALL LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,313,358,926	201,889,408	9,128,634
1952	230,743,076	14,239,245	690,402
1953	239,754,954	16,665,235	882,437
1954	256,093,458	16,846,162	837,701
1955	251,666,352	16,019,025	759,947
1956	267,011,652	17,252,322	829,501
1957	277,031,138	17,842,486	838,751
1958	337,113,070	21,604,271	971,167
1959	396,595,744	21,584,078	1,028,106
1960	484,226,511	23,097,742	1,166,119
1961	567,547,013	26,872,400	1,382,675
1962	640,291,022	27,877,009	1,714,376
1963	671,513,211	28,724,615	1,876,209
1964	650,488,537	29,186,422	1,897,341
1965	597,079,532	28,057,965	1,626,858
1966	633,776,306	32,100,432	1,804,624
1967	841,750,823	34,121,481	1,838,029
1968	569,929,209	29,707,775	1,573,462
1969	831,569,825	35,652,048	2,008,379
1970	1,701,029,693	82,797,186	5,293,101
1971	2,263,892,484	116,463,382	7,714,913
1972	2,378,392,009	122,440,171	8,211,174
1973	2,304,231,928	147,836,095	10,091,230
1974	2,598,801,391	317,502,020	23,034,221
1975	2,506,802,361	292,674,852	20,165,202
1976	2,384,445,023	307,085,063	22,787,813
1977	2,354,892,895	390,951,453	31,576,090
1978	1,013,414,514	144,586,147	10,530,465
THROUGH 1978	31,553,442,717	2,561,786,490	172,258,927

GASOLINE AND LPG - PUBLIC LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,469,504,595	146,783,273	6,543,401
1952	183,964,585	11,521,327	573,101
1953	197,295,812	14,038,186	767,718
1954	211,127,968	14,429,768	726,491
1955	202,773,556	13,449,401	650,864
1956	211,335,779	14,307,235	710,087
1957	217,881,775	14,789,482	715,168
1958	279,939,200	18,539,379	845,531
1959	303,635,937	17,235,440	847,100
1960	343,722,075	17,112,983	897,785
1961	400,958,487	20,039,775	995,226
1962	436,096,464	20,111,679	943,119
1963	414,404,169	19,008,943	821,221
1964	457,065,213	21,378,681	936,130
1965	438,046,383	21,874,102	902,683
1966	493,474,339	25,843,359	1,084,128
1967	711,565,564	27,657,586	1,193,060
1968	470,124,389	25,478,098	1,157,681
1969	513,379,860	22,833,326	980,736
1970	541,844,486	26,851,248	1,158,713
1971	616,556,653	31,284,335	1,360,494
1972	555,253,852	28,587,827	1,288,824
1973	573,042,559	36,615,625	1,799,921
1974	487,081,480	54,478,614	2,493,858
1975	435,831,752	66,486,208	2,965,984
1976	388,156,373	46,290,480	2,281,722
1977	251,831,232	66,688,778	3,164,466
1978	234,446,296	51,106,413	2,115,930
THROUGH 1978	13,040,340,833	894,821,551	40,921,142

GASOLINE AND LPG - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1969	222,430,316	9,777,811	714,111
1970	1,075,386,730	51,180,237	3,728,914
1971	1,550,667,787	80,553,166	5,944,366
1972	1,737,223,848	89,214,084	6,525,129
1973	1,634,808,398	105,437,650	7,768,081
1974	2,031,542,200	254,743,978	19,796,332
1975	1,983,172,850	216,042,645	16,375,770
1976	1,923,689,633	246,449,316	19,655,521
1977	2,054,570,979	314,642,294	27,687,770
1978	718,771,848	85,728,017	7,744,713
THROUGH 1978	14,932,264,589	1,453,779,198	115,940,707

GASOLINE AND LPG - ACQUIRED LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	9,644,200	432,181	10,255
1952	4,085,813	192,228	13,747
1953	140,109	23,422	3,282
1954	57,410	2,371	37
1955	168,445	7,646	106
1956	449,195	23,021	406
1957	1,307,737	84,133	4,199
1958	535,548	33,146	2,160
1959	480,429	30,658	1,822
1960	307,719	19,985	1,205
1961	1,411,468	68,369	271
1962	973,567	40,956	1,228
1963	1,264,306	51,371	2,481
1964	438,608	16,695	862
1965	703,191	25,486	1,148
1966	507,078	18,382	1,116
1967	650,648	18,478	1,591
1968	588,420	13,395	1,181
1969	575,865	548,086	23,617
1970	2,328,936	(430,895)	(16,867)
1971	1,827,651	75,465	4,727
1972	961,331	36,255	2,866
1973	4,355,472	236,549	26,497
1974	4,616,836	1,024,136	107,007
1975	3,937,157	508,712	35,751
1976	3,999,248	601,251	37,020
1977	3,209,033	563,295	31,333
1978	(6,173,316)	(351,048)	(50,928)
THROUGH 1978	43,352,104	3,963,729	248,120

GASOLINE AND LPG - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1952	321,938	15,111	1,889
1953	346,742	15,031	1,879
1954	339,852	12,004	1,500
1955	299,011	10,921	1,365
1956	360,254	14,642	1,831
1957	386,647	13,911	1,739
1958	442,113	18,142	2,177
1959	502,310	20,524	2,566
1960	1,485,868	78,152	11,926
1961	12,513,282	580,723	93,983
1962	69,999,467	2,935,687	555,662
1963	82,142,231	3,687,580	761,153
1964	76,520,868	3,688,018	753,577
1965	65,052,254	2,990,171	557,862
1966	55,597,779	2,946,472	533,706
1967	40,273,458	2,400,287	430,687
1968	36,412,989	1,885,649	318,794
1969	31,149,114	1,374,551	225,040
1970	27,850,226	1,651,509	254,181
1971	22,419,494	1,358,205	220,869
1972	22,054,424	1,349,302	210,061
1973	25,165,511	1,848,567	291,232
1974	23,241,275	2,637,991	422,531
1975	18,870,076	2,469,688	395,224
1976	17,034,085	2,664,015	384,931
1977	10,123,520	1,743,100	284,249
1978	16,023,978	2,509,122	410,536
THROUGH 1978	656,978,766	40,919,075	7,131,150

GASOLINE AND LPG - NAVAL PETROLEUM RESERVE LANDS

: YEAR :	PRODUCTION : GALLONS :	PRODUCTION : VALUE (\$) :	ROYALTY : VALUE (\$) :
PRIOR	388,544,515	34,942,671	1,789,552
1952	8,893,054	601,689	31,771
1953	9,450,565	824,496	46,410
1954	9,627,897	854,843	56,208
1955	9,327,839	833,455	49,482
1956	9,751,698	863,977	49,072
1957	10,755,157	969,170	53,258
1958	12,327,495	904,317	50,445
1959	13,332,340	993,659	56,431
1960	13,589,464	953,901	54,351
1961	13,674,947	934,913	66,947
1962	12,726,148	860,093	55,137
1963	13,007,028	871,389	55,031
1964	11,123,408	753,240	49,543
1965	12,177,153	820,419	49,817
1966	13,001,541	832,556	49,400
1967	12,258,535	737,388	47,010
1968	13,290,191	846,180	45,545
1969	11,365,892	733,287	40,400
1970	11,337,398	735,724	42,978
1971	14,077,265	952,607	68,637
1972	14,041,541	957,556	67,490
1973	14,031,836	1,033,433	64,709
1974	14,695,633	1,348,331	91,152
1975	13,026,308	1,525,373	97,985
1976	7,952,422	1,021,034	64,863
1977-78	--	--	--
THROUGH			
1978	687,437,270	57,705,701	3,193,624

GASOLINE AND LPG - INDIAN LANDS

: YEAR :	PRODUCTION : GALLONS :	PRODUCTION : VALUE (\$) :	ROYALTY : VALUE (\$) :
PRIDE	445,665,616	19,681,283	785,426
1952	33,477,685	1,908,890	69,894
1953	32,521,726	1,764,100	63,148
1954	34,940,331	1,547,176	53,465
1955	39,097,501	1,717,602	58,130
1956	45,114,726	2,043,447	68,105
1957	46,699,822	1,985,790	64,397
1958	43,868,714	2,199,287	70,854
1959	78,594,728	3,303,797	120,187
1960	125,121,385	4,932,721	200,952
1961	138,988,829	5,248,620	226,248
1962	120,495,376	3,928,594	159,230
1963	160,695,477	5,105,332	236,323
1964	105,340,440	3,349,788	157,229
1965	81,100,551	2,347,787	115,348
1966	71,195,569	2,459,663	136,274
1967	77,002,618	3,307,742	165,681
1968	49,513,220	1,484,453	50,261
1969	52,668,778	384,987	24,475
1970	42,281,917	2,809,363	125,182
1971	58,343,634	2,249,604	115,820
1972	48,857,073	2,295,147	116,804
1973	52,828,152	2,664,271	140,790
1974	37,623,967	3,268,970	123,341
1975	51,964,218	5,642,226	294,488
1976	43,563,262	10,058,967	363,756
1977	35,158,131	7,313,986	408,272
1978	50,345,708	5,593,643	310,214
THROUGH			
1978	2,203,069,155	110,597,236	4,824,184

CO-2 - ALL LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,907,536	--	4,249
1952	84,506	--	211
1953	144,026	9,437	612
1954	176,957	12,387	1,337
1955	203,127	19,829	2,479
1956	209,789	19,740	2,468
1957	176,977	16,464	2,058
1958	157,622	16,410	2,051
1959	142,683	16,102	1,974
1960	149,538	23,569	2,101
1961	227,469	37,352	3,350
1962	268,691	47,297	4,045
1963	437,601	73,970	6,741
1964	499,728	79,430	7,130
1965	346,858	67,739	5,615
1966	337,747	71,137	5,861
1967	385,461	77,032	6,335
1968	295,585	52,012	5,644
1969	303,471	62,011	6,527
1970	188,918	36,785	3,467
1971	250,546	53,406	5,268
1972	256,178	49,663	5,262
1973	299,892	47,669	4,970
1974	308,254	57,316	5,288
1975	369,164	72,012	7,292
1976	198,830	111,326	10,178
1977	279,385	173,091	16,839
1978	276,721	132,090	13,150
THROUGH 1978	8,883,360	1,435,276	142,502

CO-2 - PUBLIC LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	1,907,536	--	4,249
1952	84,506	--	211
1953	144,026	9,437	612
1954	176,957	12,387	1,337
1955	203,127	19,829	2,479
1956	209,789	19,740	2,468
1957	176,977	16,464	2,058
1958	157,622	16,410	2,051
1959	141,111	15,597	1,950
1960	114,786	12,385	1,548
1961	172,329	19,599	2,450
1962	184,157	21,070	2,534
1963	320,139	39,235	4,531
1964	375,120	42,605	4,768
1965	227,716	29,378	3,640
1966	206,959	29,020	3,626
1967	247,995	32,774	4,096
1968	263,659	41,734	5,169
1969	253,149	47,041	5,726
1970	142,742	23,022	2,676
1971	201,913	38,908	4,425
1972	224,517	40,594	4,745
1973	237,412	33,007	4,088
1974	225,091	29,369	3,592
1975	295,734	52,352	6,073
1976	158,605	98,410	9,368
1977	279,385	173,091	16,839
1978	276,721	132,090	13,150
THROUGH 1978	7,609,780	1,045,548	120,559

CO-2 - NAVAL PETROLEUM RESERVE LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: : MCF :	: VALUE (\$) :	: VALUE (\$) :	
1959	1,572	505	24
1960	34,752	11,184	553
1961	55,140	17,753	900
1962	84,534	26,227	1,411
1963	117,462	34,735	2,210
1964	124,608	36,825	2,362
1965	119,142	38,361	1,975
1966	130,788	42,117	2,235
1967	137,466	44,258	2,239
1968	31,926	10,278	475
1969	50,322	14,970	801
1970	46,176	13,763	791
1971	48,733	14,498	843
1972	31,661	9,069	517
1973	62,480	14,662	882
1974	83,163	27,947	1,696
1975	73,430	19,660	1,219
1976	40,225	12,916	810
1977-78	--	--	--
THROUGH			
1978	1,273,580	389,728	21,943

SALT - ALL LANDS
OUTER CONTINENTAL SHELF LANDS ONLY

YEAR	PRODUCTION TCNS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1960	59,794	10,764	1,792
1961	528,581	95,142	15,857
1962	176,924	31,848	5,308
1963	262,951	47,334	7,889
1964	212,978	38,334	6,389
1965	290,804	52,334	8,724
1966	297,475	53,544	8,924
1967	274,422	49,396	7,422
1968	540,651	97,317	17,030
1969	343,060	61,751	10,292
1970	269,691	48,544	8,091
1971	370,406	66,673	11,112
1972	358,782	64,581	10,764
1973	381,247	68,624	11,437
1974	346,411	62,354	10,392
1975	151,032	(54,212)	(8,469)
1976	(113,590)	(20,446)	(3,408)
1977-78	--	--	--
THROUGH			
1978	4,751,619	773,882	129,546

SULFUR - ALL LANDS

: YEAR :	PRODUCTION : TONS :	PRODUCTION : VALUE (\$) :	ROYALTY : VALUE (\$) :
PRIOR	41,191	7,346	13,236
1952	31,273	--	9,773
1953	28,215	91,438	10,494
1954	40,651	207,514	20,488
1955	29,300	136,637	14,041
1956	24,618	111,943	10,136
1957	24,359	95,249	11,715
1958	101,724	1,151,540	70,925
1959	129,978	470,217	41,852
1960	156,596	2,345,991	322,972
1961	444,997	7,620,523	1,193,419
1962	321,540	5,807,650	854,184
1963	588,610	11,360,107	1,633,853
1964	659,145	12,828,197	1,862,459
1965	1,093,224	23,106,864	3,185,135
1966	1,438,930	33,149,673	4,146,527
1967	1,446,960	37,986,803	4,196,878
1968	1,598,199	54,038,350	4,664,278
1969	1,262,728	49,657,786	3,706,530
1970	1,139,699	25,121,789	3,255,304
1971	1,216,461	24,220,603	3,471,472
1972	1,272,838	22,660,885	3,452,878
1973	1,487,753	24,143,729	3,625,147
1974	1,622,241	35,379,977	3,873,831
1975	1,345,977	72,483,407	3,822,688
1976	(582,396)	(38,075,966)	(1,673,398)
1977	47,056	647,226	23,710
1978	(830,571)	869,800	34,564
THROUGH			
1978	16,181,296	407,625,278	45,855,091

SULFUR - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	40,885	--	12,777
1952	31,273	--	9,773
1953	27,972	35,599	10,129
1954	40,067	193,483	19,611
1955	29,300	136,637	14,041
1956	24,618	111,943	10,136
1957	24,359	95,249	11,715
1958	101,724	1,151,540	70,925
1959	129,978	470,217	41,852
1960	58,571	583,125	37,188
1961	42,852	353,566	22,372
1962	35,401	297,740	18,315
1963	35,979	289,403	16,364
1964	24,166	77,011	3,364
1965	1,688	(290,439)	(12,827)
1966	37,480	518,371	17,430
1967	37,296	688,541	28,776
1968	39,845	752,199	35,742
1969	29,299	519,016	21,675
1970	39,661	476,548	19,075
1971	37,204	486,222	18,683
1972	95,384	365,433	14,026
1973	245,191	393,072	14,188
1974	317,722	550,858	20,914
1975	91,117	2,731,882	84,509
1976	(28,599)	(1,306,954)	(21,814)
1977	46,593	640,146	23,555
1978	(825,526)	897,540	39,197
THROUGH 1978	811,500	11,267,948	601,691

SULFUR — OUTER CONTINENTAL SHELF

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: : TONS :	VALUE(\$)	VALUE(\$)	VALUE(\$)
1960	98,025	1,762,866	285,784
1961	401,521	7,252,931	1,170,733
1962	285,975	5,507,050	835,816
1963	552,573	11,069,637	1,617,471
1964	634,875	12,748,602	1,858,535
1965	1,090,950	23,387,005	3,197,532
1966	1,400,848	32,621,551	4,128,691
1967	1,409,276	37,291,107	4,167,804
1968	1,553,621	53,277,667	4,628,512
1969	1,232,939	49,129,573	3,684,432
1970	1,099,584	24,636,736	3,235,874
1971	1,178,400	23,718,311	3,452,117
1972	1,176,833	22,286,906	3,438,515
1973	1,235,358	23,748,632	3,610,757
1974	1,303,750	34,820,443	3,852,700
1975	1,248,134	69,737,571	3,737,784
1976	(554,271)	(36,777,151)	(1,651,794)
1977	--	--	--
1978	(5,090)	(27,891)	(4,648)
THROUGH			
1978	15,343,301	396,191,546	45,246,615

SULFUR - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	624	14,026	314
1962	164	2,860	53
1963	58	1,067	18
1964	(136)	(1,910)	(2)
1965	1	7	1
1966-71	--	--	--
1972	89	794	14
1973	28	237	12
1974	727	8,358	179
1975	706	12,427	232
1976	432	7,495	142
1977	433	6,888	134
1978	18	48	4
THROUGH 1978	3,144	52,297	1,101

SULFUR - INDIAN LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: :	TCNS :	VALUE (\$) :	VALUE (\$) :
1952	306	7,346	459
1953	243	5,839	365
1954	584	14,031	877
1955-63	--	--	--
1964	240	4,494	562
1965	585	10,291	429
1966	602	9,751	406
1967	388	7,155	298
1968	4,733	8,484	24
1969	490	9,197	423
1970	454	8,505	355
1971	857	16,070	672
1972	532	7,752	323
1973	7,176	1,788	190
1974	42	318	38
1975	6,020	1,527	163
1976	42	644	68
1977	30	192	21
1978	27	103	11
THROUGH			
1978	23,351	113,487	5,684

OIL LOST - ALL LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	3,800	22,225	3,523
1975	25,860	161,959	19,654
1976	22,250	152,462	18,954
1977	74,081	515,020	75,948
1978	48,520	472,812	64,215
THROUGH 1978	174,511	1,324,478	182,294

OIL LOST - PUBLIC LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: :	: :	VALUE (\$) :	VALUE (\$) :
1974	896	5,819	728
1975	22,926	133,905	15,095
1976	19,790	125,497	15,016
1977	24,832	237,101	29,674
1978	22,518	168,344	13,743
THROUGH			
1978	90,962	670,666	74,256

OIL LOST - OUTER CONTINENTAL SHELF

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: :	: :	VALUE (\$) :	VALUE (\$) :
1974	2,904	16,406	2,795
1975	2,660	26,404	4,365
1976	1,366	13,893	2,304
1977	49,147	276,992	46,152
1978	25,960	304,009	50,399
THROUGH			
1978	82,037	637,704	106,015

OIL LOST - ACQUIRED LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	121	703	83
1976	1,070	12,956	1,620
1977	59	530	66
1978	12	90	11
THROUGH 1978	1,262	14,279	1,780

OIL LOST - INDIAN LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	153	947	111
1976	24	116	14
1977	43	397	56
1978	30	369	62
THROUGH 1978	250	1,829	243

GAS LOST - ALL LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
:	:	VALUE (\$)	VALUE (\$)
1974	14,595,081	3,942,876	603,883
1975	20,461,790	6,945,542	1,041,766
1976	22,590,796	9,939,013	1,478,281
1977	21,592,043	13,562,258	1,971,638
1978	45,907,158	32,678,381	4,848,061
THROUGH			
1978	125,146,868	67,068,070	9,943,629

GAS LOST - PUBLIC LANDS

YEAR	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	15,080	5,982	747
1975	6,180,067	2,226,704	321,777
1976	6,729,996	3,129,194	414,407
1977	6,069,208	3,830,988	457,850
1978	13,262,747	11,103,970	1,405,814
THROUGH 1978	32,257,098	20,296,838	2,600,595

GAS LOST - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	14,568,768	3,933,524	602,715
1975	14,085,390	4,636,434	709,658
1976	15,493,758	6,522,116	1,029,451
1977	15,148,979	9,159,109	1,443,719
1978	31,917,306	20,950,991	3,357,374
THROUGH 1978	91,214,201	45,202,174	7,142,917

GAS LOST - ACQUIRED LANDS

YEAR	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	11,233	3,370	421
1975	179,445	73,542	9,039
1976	296,862	234,495	26,697
1977	328,647	506,008	60,145
1978	662,785	560,571	74,966
THROUGH 1978	1,478,912	1,377,986	171,268

GAS LOST - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	18	8	4
1976-78 THROUGH 1978	18	8	4

GAS LOST - INDIAN LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	15,870	8,854	1,288
1976	70,180	53,208	7,726
1977	45,209	66,153	9,924
1978	64,320	62,849	9,907
THROUGH 1978	196,579	191,064	28,845

PUBLIC LANDS
CALENDAR YEAR 1978

STATE	PRODUCTION (BARRELS)	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
ALABAMA	3,402	19,206	2,401
ALASKA	5,110,714	27,545,543	3,443,194
CALIFORNIA	17,218,125	128,795,121	15,712,501
COLORADO	12,203,589	120,308,814	21,794,272
KANSAS	326,919	2,091,840	307,786
LOUISIANA	392,207	2,741,465	341,646
MISSISSIPPI	17,341	109,745	13,705
MONTANA	6,726,924	54,467,531	6,554,136
NEBRASKA	50,637	586,025	68,362
NEVADA	1,157,846	10,882,594	1,360,324
NEW MEXICO	24,835,974	267,265,260	33,820,660
NORTH DAKOTA	1,313,921	11,393,680	1,276,759
OKLAHOMA	219,974	2,637,533	297,018
SOUTH DAKOTA	128,942	1,525,742	190,718
UTAH	5,864,344	40,458,210	5,055,927
WYOMING	79,232,465	689,075,637	87,926,364
TOTAL	154,803,324	1,359,903,946	178,165,773
	(MCF)		GAS
ALASKA	80,204,009	28,745,333	3,593,319
ARKANSAS	673,360	1,059,793	132,484
CALIFORNIA	4,533,591	5,803,768	581,732
COLORADO	55,800,667	41,330,503	4,777,705
KANSAS	13,126,097	6,749,564	843,699
LOUISIANA	1,785,737	630,157	78,200
MONTANA	10,605,598	6,085,085	735,695
NEBRASKA	887,724	963,696	160,616
NEW MEXICO	631,957,264	635,478,742	79,483,390
NORTH DAKOTA	401,952	129,509	14,903
OKLAHOMA	12,684,717	12,087,417	1,532,398
UTAH	24,959,995	18,758,805	2,265,932
WYOMING	173,153,486	180,885,096	21,768,831
TOTAL	1,010,774,197	938,707,468	115,968,904

PUBLIC LANDS
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE(\$)	VALUE(\$)
	(GALLONS)	GASOLINE AND LPG	
ALABAMA	2,268	320	40
ALASKA	2,736,316	99,055	12,382
CALIFORNIA	17,159,683	2,715,067	115,422
COLORADO	19,728,719	2,683,164	138,819
LOUISIANA	405,700	469,634	58,718
MONTANA	3,022,828	497,967	15,135
NEBRASKA	1,406,117	366,158	24,587
NEW MEXICO	201,378,531	33,754,262	1,553,904
NORTH DAKOTA	85,834	12,768	664
OKLAHOMA	93,698	19,378	2,423
UTAH	5,256,070	1,232,699	51,927
WYOMING	(16,829,468)	9,255,941	141,909
TOTAL	234,446,296	51,106,413	2,115,930
	(TONS)	SULFUR	
MONTANA	5,004	75,534	2,860
NEW MEXICO	(848,128)	530,093	25,688
NORTH DAKOTA	12	41	1
WYOMING	17,586	291,872	10,648
TOTAL	(825,526)	897,540	39,197
	(MCF)	CO-2	
CALIFORNIA	631	367	20
COLORADO	53,223	103,864	9,648
UTAH	222,867	27,859	3,482
TOTAL	276,721	132,090	13,150

PUBLIC LANDS
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE (\$)	VALUE (\$)
	(BARRELS)	OIL LOST	
ALASKA	908	4,595	574
CALIFORNIA	975	10,682	1,335
COLORADO	32	175	22
MONTANA	5,860	74,293	6,880
NEW MEXICO	350	4,221	511
NORTH DAKOTA	297	1,466	156
WYOMING	14,087	72,912	4,265
TOTAL	22,518	168,344	13,743
	(MCF)	GAS LOST	
ALASKA	169,673	42,764	5,346
ARKANSAS	1,107	1,641	205
CALIFORNIA	13,007	10,019	1,252
COLORADO	10,251,088	936,726	93,195
LOUISIANA	182,903	769,873	96,107
MONTANA	107,587	211,393	26,424
NEW MEXICO	177,429	162,021	56,823
NORTH DAKOTA	217,234	274,252	32,793
OKLAHOMA	8,667	12,402	12,391
SOUTH DAKOTA	644	961	120
UTAH	101,409	130,243	16,290
WYOMING	2,031,999	8,551,675	1,064,868
TOTAL	13,262,747	11,103,970	1,405,814
TOTAL PUBLIC		2,362,019,771	297,722,511

OUTER CONTINENTAL SHELF
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE (\$)	VALUE (\$)
	(BARRELS)	OIL	
CALIFORNIA	12,085,908	69,709,403	11,704,453
LOUISIANA	257,395,201	2,548,509,418	416,325,361
TEXAS	940,065	9,710,791	1,585,896
TOTAL	270,421,174	2,627,929,612	429,615,710
	(BARRELS)	CONDENSATE	
LOUISIANA	20,676,334	212,781,919	34,739,603
TEXAS	1,167,534	13,634,861	2,272,490
TOTAL	21,843,868	226,416,780	37,012,093
	(BARRELS)	OIL & CONDENSATE	
CALIFORNIA	12,085,908	69,709,403	11,704,453
LOUISIANA	278,071,535	2,761,291,337	451,064,964
TEXAS	2,107,599	23,345,652	3,858,386
TOTAL	292,265,042	2,854,346,392	466,627,803
	(MCF)	GAS	
CALIFORNIA	3,472,292	1,934,826	314,421
LOUISIANA	4,149,731,136	3,847,319,737	624,603,700
TEXAS	231,857,450	285,943,974	47,652,320
TOTAL	4,385,060,878	4,135,198,537	672,570,441
	(GALLONS)	GASOLINE AND LPG	
CALIFORNIA	134,216	17,612	1,174
LOUISIANA	714,086,001	84,905,640	7,638,224
TEXAS	4,551,631	804,765	105,315
TOTAL	718,771,848	85,728,017	7,744,713
	(TONS)	SULFUR	
LOUISIANA	(5,090)	(27,891)	(4,648)

OUTER CONTINENTAL SHELF
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(BARRELS)	OIL LOST	
LOUISIANA	24,356	284,491	47,146
TEXAS	1,604	19,518	3,253
TOTAL	25,960	304,009	50,399
	(MCF)	GAS LOST	
CALIFORNIA	146	41	7
LOUISIANA	30,774,806	19,787,047	3,163,390
TEXAS	1,142,354	1,163,903	193,977
TOTAL	31,917,306	20,950,991	3,357,374
TOTAL O.C.S.		7,096,500,055	1,150,346,082

ACQUIRED LANDS
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE (\$)	VALUE (\$)
	(BARRELS)		OIL
ALABAMA	6,355	36,247	4,531
ARKANSAS	600	4,797	799
CALIFORNIA	348,523	1,908,887	354,151
COLORADO	3,444	41,356	4,397
FLORIDA	5,173	62,517	7,815
ILLINOIS	165	2,436	406
KANSAS	62,792	438,847	85,066
LOUISIANA	1,454,411	10,717,551	1,069,755
MICHIGAN	68,587	824,526	109,914
MISSISSIPPI	1,080,670	9,829,524	1,244,239
MONTANA	(144,767)	(797,782)	(99,723)
NEBRASKA	317	3,971	496
NEW MEXICO	3,778	48,614	6,070
NORTH DAKOTA	1,710,612	15,997,528	2,049,465
OHIO	1,490	21,145	2,643
OKLAHOMA	37,473	381,323	48,991
TEXAS	77,837	779,178	94,112
UTAH	(106,875)	(1,391,085)	(173,886)
WYOMING	134,595	1,733,238	221,211
TOTAL	4,745,180	40,642,818	5,030,452

ACQUIRED LANDS
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE(\$)	VALUE(\$)
	(MCF)		GAS
ARKANSAS	1,731,877	2,622,374	328,091
CALIFORNIA	14,317,671	8,015,257	3,933,749
COLORADO	130,334	92,892	8,628
KANSAS	1,864,964	799,257	108,238
KENTUCKY	204,364	213,954	25,501
LOUISIANA	10,503,051	6,198,304	639,289
MARYLAND	6,052	2,057	257
MICHIGAN	463,890	529,620	66,265
MISSISSIPPI	304,351	328,662	40,944
MONTANA	816,153	1,125,300	140,663
NEW MEXICO	526,137	866,749	108,344
NORTH DAKOTA	365,942	259,645	29,541
OHIO	148,216	53,490	6,682
OKLAHOMA	2,896,013	3,535,582	446,496
TEXAS	715,076	951,110	80,666
UTAH	(28,387)	(51,031)	(6,379)
WEST VIRGINIA	9,269	7,405	926
WYOMING	(1,473,528)	(26,214)	(3,277)
TOTAL	33,501,445	25,524,413	5,954,624
	(GALLONS)	GASOLINE AND LPG	
ALABAMA	4,046	1,234	154
COLORADO	8,058	2,595	108
LOUISIANA	172,459	16,846	2,105
NORTH DAKOTA	576,989	81,801	3,206
OKLAHOMA	1,151	1,235	154
TEXAS	278,377	58,006	7,251
UTAH	144,913	33,688	1,678
WYOMING	(7,359,309)	(546,453)	(65,584)
TOTAL	(6,173,316)	(351,048)	(50,928)

ACQUIRED LANDS
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE(\$)	VALUE(\$)
	(TONS)	SULFUR	
NORTH DAKOTA	18	48	4
	(BARRELS)	OIL LOST	
TEXAS	12	90	11
	(MCF)	GAS LOST	
ARKANSAS	53,204	72,676	9.084
CALIFORNIA	2,477	2,868	359
LOUISIANA	437,478	147,480	22,613
MISSISSIPPI	3,589	3,230	404
NORTH DAKOTA	222,406	372,480	45,492
OKLAHOMA	2,145	2,040	2,040
TEXAS	364	539	67
UTAH	(58,137)	(39,646)	(4,956)
WYOMING	(741)	(1,096)	(137)
TOTAL	662,785	560,571	74,966
TOTAL ACQUIRED		66,376,892	11,009,129

MILITARY & MISCELLANEOUS LANDS
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(BARRELS)		OIL
KENTUCKY	8,764	129,466	19,424
LOUISIANA	265,643	2,323,101	374,149
MONTANA	(1,187)	(11,886)	(364)
OKLAHOMA	5,373	79,553	13,259
TEXAS	36,933	209,576	35,774
TOTAL	315,526	2,729,810	442,242
	(MCF)		GAS
ARKANSAS	3,568,561	2,419,354	403,226
LOUISIANA	16,494,287	8,470,764	1,409,858
OKLAHOMA	376,793	293,222	48,870
TEXAS	372,397	201,999	31,850
TOTAL	20,812,038	11,385,339	1,893,804
	(GALLONS)		GASOLINE AND LPG
LOUISIANA	15,662,495	2,431,557	397,857
OKLAHOMA	207,420	41,838	6,899
TEXAS	154,063	35,727	5,780
TOTAL	16,023,978	2,509,122	410,536
TOTAL MIL & MIS		16,624,271	2,746,582

INDIAN LANDS
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE (\$)	VALUE (\$)

	(BARRELS)		OIL
ARIZONA	418,132	2,559,621	400,168
COLORADO	92,119	422,861	59,699
FLORIDA	586	6,861	858
MICHIGAN	118	1,685	211
MONTANA	1,490,070	16,237,288	2,306,842
NEW MEXICO	2,041,310	23,763,555	3,443,414
NORTH DAKOTA	94,443	566,554	72,593
OKLAHOMA	4,430,898	48,608,461	6,697,239
SOUTH DAKOTA	4,400	52,194	8,699
UTAH	10,959,570	91,715,705	14,940,142
WYOMING	4,746,644	31,628,819	4,645,740
TOTAL	24,278,290	215,563,604	32,575,605

	(MCF)		GAS
ARIZONA	37,689	86,793	10,849
COLORADO	11,968,260	8,633,083	1,086,185
MONTANA	1,619,867	1,517,852	232,726
NEW MEXICO	53,843,137	67,466,964	9,175,142
NORTH DAKOTA	189,532	55,088	6,887
OKLAHOMA	24,576,526	31,972,859	4,267,435
UTAH	8,734,473	8,602,719	1,423,119
WYOMING	10,569,288	7,296,397	1,139,315
TOTAL	111,558,772	125,631,755	17,341,658

INDIAN LANDS
CALENDAR YEAR 1978

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE (\$)	VALUE (\$)
	(GALLONS)	GASOLINE AND LPG	
COLORADO	546,880	82,615	3,523
MONTANA	1,159,414	235,209	12,813
NEW MEXICO	75,183	2,839	(21)
NORTH DAKOTA	633,196	48,277	2,017
OKLAHOMA	1,062,599	217,870	28,484
UTAH	46,172,496	4,637,739	239,974
WYOMING	695,940	369,094	23,424
TOTAL	50,345,708	5,593,643	310,214
	(TONS)	SULFUR	
NORTH DAKOTA	27	103	11
	(BARRELS)	OIL LOST	
OKLAHOMA	20	369	62
	(MCF)	GAS LOST	
NEW MEXICO	61,616	58,124	9,119
OKLAHOMA	2,694	4,719	787
UTAH	10	6	1
TOTAL	64,320	62,849	9,907
TOTAL INDIAN		346,852,323	50,237,457
TOTAL ALL LANDS		9,888,373,312	1,512,061,761

OIL AND GAS OPERATIONS

ALL LANDS

ALABAMA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	15,311	51,993	3,120	--	--	--
1959	15,723	44,476	2,780	--	--	--
1960	44,145	131,999	8,237	--	--	--
1961	18,332	54,154	3,385	--	--	--
1962	31,175	85,821	5,364	--	--	--
1963	47,752	127,237	10,315	--	--	--
1964	45,546	121,877	10,762	--	--	--
1965	25,459	67,790	8,473	--	--	--
1966	18,379	50,212	6,277	--	--	--
1967	27,533	78,040	9,755	--	--	--
1968	21,526	61,056	7,632	--	--	--
1969	22,185	65,184	8,169	--	--	--
1970	20,553	63,343	7,914	--	--	--
1971	21,748	72,773	9,096	1,467	94	12
1972	21,449	71,922	8,990	2,272	145	18
1973	17,320	64,584	8,073	--	--	--
1974	18,127	91,737	11,467	--	--	--
1975	10,717	54,615	6,827	--	--	--
1975	18,637	148,887	18,610	3,976	7,503	938
1977	10,557	57,719	7,215	107	215	27
1978	9,757	55,453	6,932	--	--	--
TOTALS	482,051	1,620,872	169,393	7,822	7,957	995

OIL AND GAS OPERATIONS

ALL LANDS

ALABAMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1969	17,601	817	102	--	--	--
1970	11,147	660	78	--	--	--
1971	17,228	1,141	143	--	--	--
1972	11,427	714	89	--	--	--
1973	11,370	1,061	132	--	--	--
1974	8,256	2,158	270	--	--	--
1975	4,969	819	102	--	--	--
1976	6,542	1,321	165	3,813	7,156	894
1977	3,510	1,393	174	--	--	--
1978	6,314	1,554	194	--	--	--
TOTALS	98,964	11,638	1,449	3,813	7,156	894

OIL AND GAS OPERATIONS

ALL LANDS

ALABAMA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	15,811	51,993	3,120
1959	14,728	44,476	2,780
1960	44,145	131,999	8,237
1961	18,332	54,154	3,385
1962	31,175	85,821	5,364
1963	47,752	127,237	10,315
1964	45,646	121,877	10,762
1965	25,459	67,790	8,473
1966	18,879	50,212	6,277
1967	27,538	78,040	9,755
1968	21,526	61,056	7,632
1969	39,786	66,001	8,271
1970	31,700	64,003	7,992
1971	40,443	74,008	9,251
1972	35,148	72,781	9,097
1973	29,190	65,645	8,205
1974	26,383	93,895	11,737
1975	15,686	55,434	6,929
1976	32,968	164,867	20,607
1977	14,284	59,327	7,416
1978	16,071	57,007	7,126
TOTALS	592,650	1,647,623	172,731

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALABAMA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1963	14,135	37,807	4,726	--	--	--
1964	14,890	39,683	4,960	--	--	--
1965	9,412	25,083	3,135	--	--	--
1966	6,335	16,982	2,123	--	--	--
1967	9,410	26,566	3,333	--	--	--
1968	7,353	20,856	2,607	--	--	--
1969	7,573	22,266	2,783	--	--	--
1970	7,020	21,637	2,702	--	--	--
1971	7,429	24,358	3,107	501	32	4
1972	7,327	24,563	3,071	776	50	6
1973	5,515	22,061	2,758	--	--	--
1974	6,192	31,336	3,917	--	--	--
1975	3,651	18,654	2,332	--	--	--
1976	10,331	108,524	13,565	3,976	7,503	938
1977	3,773	21,594	2,699	107	215	27
1978	3,402	19,205	2,401	--	--	--
TOTALS	124,366	481,783	60,219	5,360	7,800	975

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

CALENDAR YEAR	<--- O I L A N D L P G --->			<----- G A S L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1969	4,012	279	35	--	--	--
1970	3,323	225	27	--	--	--
1971	5,835	390	49	--	--	--
1972	2,903	244	30	--	--	--
1973	4,055	362	45	--	--	--
1974	2,820	737	92	--	--	--
1975	1,597	280	35	--	--	--
1976	2,235	451	56	3,813	7,156	894
1977	1,233	476	59	--	--	--
1978	2,263	320	40	--	--	--
TOTALS	23,516	3,764	468	3,813	7,156	894

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALABAMA

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1963	14,186	37,807	4,726
1964	14,890	39,683	4,960
1965	9,412	25,083	3,135
1966	6,386	16,982	2,123
1967	9,410	26,666	3,333
1968	7,353	20,856	2,607
1969	13,590	22,545	2,818
1970	10,828	21,862	2,729
1971	13,815	25,280	3,160
1972	12,006	24,862	3,107
1973	9,971	22,423	2,803
1974	9,012	32,073	4,009
1975	5,358	18,936	2,367
1976	20,955	123,634	15,453
1977	5,113	22,285	2,785
1978	5,670	19,526	2,441
TOTALS	167,955	500,503	62,556

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ALABAMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	15,311	51,993	3,120	--	--	--
1959	14,723	44,476	2,780	--	--	--
1960	44,145	131,999	8,237	--	--	--
1961	18,332	54,154	3,385	--	--	--
1962	31,175	85,821	5,364	--	--	--
1963	33,225	89,430	5,589	--	--	--
1964	30,755	82,194	5,802	--	--	--
1965	16,047	42,707	5,338	--	--	--
1966	12,493	33,230	4,154	--	--	--
1967	13,124	51,374	6,422	--	--	--
1968	14,173	40,200	5,025	--	--	--
1969	16,507	42,918	5,386	--	--	--
1970	13,523	41,706	5,212	--	--	--
1971	14,319	47,915	5,989	966	62	8
1972	14,122	47,354	5,919	1,496	95	12
1973	11,404	42,523	5,315	--	--	--
1974	11,035	60,401	7,550	--	--	--
1975	7,055	35,959	4,495	--	--	--
1976	7,706	40,363	5,045	--	--	--
1977	6,795	36,125	4,516	--	--	--
1978	6,355	36,247	4,531	--	--	--
TOTALS	357,145	1,139,089	109,174	2,462	157	20

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ALABAMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	--	--	--	15,811	51,993	3,120
1959	--	--	--	14,728	44,476	2,780
1960	--	--	--	44,145	131,999	8,237
1961	--	--	--	18,332	54,154	3,385
1962	--	--	--	31,175	85,821	5,364
1963	--	--	--	33,566	89,430	5,589
1964	--	--	--	30,756	82,194	5,802
1965	--	--	--	16,047	42,707	5,338
1966	--	--	--	12,493	33,230	4,154
1967	--	--	--	18,128	51,374	6,422
1968	--	--	--	14,173	40,200	5,025
1969	11,539	533	67	26,196	43,456	5,453
1970	7,339	435	51	20,872	42,141	5,263
1971	11,343	751	94	26,628	48,728	6,091
1972	7,524	470	59	23,142	47,919	5,990
1973	7,815	599	87	19,219	43,222	5,402
1974	5,436	1,421	178	17,371	61,822	7,728
1975	3,272	539	67	10,328	36,498	4,562
1976	4,307	370	109	12,013	41,233	5,154
1977	2,377	217	115	9,171	37,042	4,631
1978	4,046	1,234	154	10,401	37,481	4,685
TOTALS	65,048	7,874	981	424,695	1,147,120	110,175

OIL AND GAS OPERATIONS

ALL LANDS

ALASKA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	208,712	331,158	16,558	--	--	--
1960	559,155	1,256,320	109,150	12,960	3,868	356
1961	6,373,129	17,517,786	1,302,071	251,308	77,099	6,428
1962	10,260,343	31,223,294	3,280,574	1,330,007	442,575	33,009
1963	10,735,339	32,870,352	3,476,113	5,985,146	1,496,060	102,825
1964	11,052,009	33,980,025	3,609,980	929,344	232,334	37,488
1965	11,003,337	33,933,775	3,545,017	4,235,553	1,019,115	87,818
1966	11,708,994	35,837,885	3,738,429	22,755,799	4,158,109	353,822
1967	12,733,353	40,311,807	4,435,086	26,940,763	5,007,298	426,041
1968	13,621,142	41,719,328	5,215,077	33,238,536	5,883,027	528,422
1969	13,150,875	40,352,443	5,045,276	43,750,751	7,576,259	704,772
1970	12,410,024	38,870,122	4,859,891	59,473,532	10,099,667	1,288,877
1971	11,465,779	38,857,831	4,857,229	52,580,012	9,026,764	1,128,774
1972	9,893,703	30,021,254	3,752,657	56,284,763	9,876,729	1,234,591
1973	10,481,034	41,144,666	5,143,084	52,848,584	9,511,768	1,188,971
1974	10,139,915	51,922,869	7,740,362	50,936,041	10,170,463	1,309,547
1975	9,073,072	49,091,921	6,136,490	58,009,581	16,077,934	2,009,742
1976	7,393,621	41,792,966	5,224,122	60,583,927	19,208,349	2,401,045
1977	6,257,219	33,525,710	4,190,715	63,700,683	20,636,439	2,579,555
1978	5,110,714	27,545,543	3,443,194	80,204,009	28,745,333	3,593,319
TOTALS	182,821,387	672,215,606	79,621,075	674,961,299	159,249,190	19,015,402

OIL AND GAS OPERATIONS

ALL LANDS

ALASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	182,510	16,518	688	--	--	--
1969	2,929,705	233,739	12,234	--	--	--
1970	2,631,741	84,569	10,578	--	--	--
1971	3,228,141	131,251	16,406	--	--	--
1972	509,800	29,648	3,688	--	--	--
1973	4,642,875	333,470	42,449	--	--	--
1974	4,030,598	626,248	82,099	--	--	--
1975	3,753,790	295,380	36,937	--	--	--
1976	3,784,527	65,233	8,154	--	--	--
1977	3,591,740	105,592	13,198	--	--	--
1978	2,736,315	99,055	12,382	908	4,595	574
TOTALS	32,021,743	2,020,703	238,813	908	4,595	574

OIL AND GAS OPERATIONS

ALL LANDS

ALASKA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	--	--	--	208,762	331,158	16,558
1960	--	--	--	572,116	1,300,188	109,506
1961	--	--	--	6,564,437	17,594,885	1,808,499
1962	--	--	--	11,590,055	31,665,869	3,313,583
1963	--	--	--	16,722,041	34,366,412	3,578,938
1964	--	--	--	11,982,253	34,212,360	3,647,468
1965	--	--	--	15,335,440	35,002,890	3,632,835
1966	--	--	--	34,464,793	39,995,994	4,092,251
1967	--	--	--	39,924,126	45,319,105	4,861,127
1968	--	--	--	47,042,188	47,619,383	5,744,187
1969	--	--	--	59,831,432	48,172,461	5,762,282
1970	--	--	--	74,515,297	49,063,358	6,159,346
1971	--	--	--	67,274,932	48,015,846	6,002,409
1972	--	--	--	65,693,271	39,927,631	4,990,936
1973	--	--	--	67,972,493	50,989,904	6,374,504
1974	--	--	--	65,106,554	72,719,600	9,132,008
1975	1,953,334	470,573	58,822	72,795,277	65,935,808	8,241,991
1976	568,070	132,871	16,609	72,830,145	61,199,419	7,649,930
1977	335,622	76,600	9,575	73,885,271	54,344,341	6,793,043
1978	169,573	42,764	5,346	88,221,620	56,437,290	7,054,815
TOTALS	3,027,206	722,808	90,352	892,532,503	834,213,902	98,966,216

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	208,762	331,158	16,558	--	--	--
1960	559,155	1,296,320	109,150	12,960	3,868	356
1961	6,303,129	17,517,786	1,802,071	261,308	77,099	6,428
1962	10,260,048	31,223,294	3,280,574	1,330,007	442,575	33,009
1963	10,736,895	32,870,352	3,476,113	5,985,146	1,496,060	102,825
1964	11,052,909	33,980,026	3,609,980	929,344	232,334	37,488
1965	11,059,937	33,983,775	3,545,017	4,235,553	1,019,115	87,818
1966	11,708,994	35,837,885	3,738,429	22,755,799	4,158,109	353,822
1967	12,933,363	40,311,807	4,435,086	26,940,763	5,007,298	426,041
1968	13,621,142	41,719,838	5,215,077	33,181,169	5,874,637	527,027
1969	13,150,975	40,362,463	5,045,276	43,616,256	7,556,836	701,535
1970	12,410,024	38,879,122	4,859,891	59,465,252	10,098,485	1,288,680
1971	11,466,779	38,857,831	4,857,229	52,502,598	9,016,490	1,127,062
1972	8,878,703	30,021,254	3,752,657	56,284,763	9,876,729	1,234,591
1973	10,481,034	41,144,666	5,143,084	52,848,584	9,511,768	1,188,971
1974	10,139,915	61,922,889	7,740,362	50,936,041	10,170,463	1,309,547
1975	9,078,072	49,091,921	6,136,490	58,009,581	16,077,934	2,009,742
1976	7,893,621	41,792,966	5,224,122	60,583,927	19,208,349	2,401,045
1977	6,257,219	33,525,710	4,190,715	63,700,683	20,636,439	2,579,555
1978	5,110,714	27,545,543	3,443,194	80,204,009	28,745,333	3,593,319
TOTALS	183,421,347	672,216,606	79,621,075	673,783,743	159,209,921	19,008,861

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	182,510	16,518	688	--	--	--
1969	2,929,705	233,739	12,234	--	--	--
1970	2,631,741	84,569	10,578	--	--	--
1971	3,228,141	131,251	16,406	--	--	--
1972	509,800	29,648	3,688	--	--	--
1973	4,642,875	333,470	42,449	--	--	--
1974	4,030,593	626,248	82,099	--	--	--
1975	3,753,790	295,380	36,937	--	--	--
1976	3,784,527	65,233	8,154	--	--	--
1977	3,591,740	105,592	13,198	--	--	--
1978	2,736,316	99,055	12,382	908	4,595	574
TOTALS	32,021,743	2,020,703	236,813	908	4,595	574

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

CALENDAR YEAR	<----- G A S L O S T ----->			<- T O T A L A L L P R O D U C T S ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	--	--	--	208,762	331,158	16,558
1960	--	--	--	572,116	1,300,188	109,506
1961	--	--	--	6,564,437	17,594,885	1,808,499
1962	--	--	--	11,590,055	31,665,869	3,313,583
1963	--	--	--	16,722,041	34,366,412	3,578,938
1964	--	--	--	11,982,253	34,212,360	3,647,468
1965	--	--	--	15,335,440	35,002,890	3,632,835
1966	--	--	--	34,464,793	39,995,994	4,092,251
1967	--	--	--	39,924,126	45,319,105	4,861,127
1968	--	--	--	46,984,821	47,610,993	5,742,792
1969	--	--	--	59,696,937	48,153,038	5,759,045
1970	--	--	--	74,507,017	49,062,176	6,159,149
1971	--	--	--	67,197,518	48,005,572	6,000,697
1972	--	--	--	65,693,271	39,927,631	4,990,936
1973	--	--	--	67,972,493	50,989,904	6,374,504
1974	--	--	--	65,106,554	72,719,600	9,132,008
1975	1,953,334	470,573	58,822	72,795,277	65,935,808	8,241,991
1976	568,070	132,871	16,609	72,830,145	61,199,419	7,649,930
1977	335,629	76,600	9,575	73,885,271	54,344,341	6,793,043
1978	159,573	62,764	5,355	88,221,620	55,437,290	7,054,815
TOTALS	3,027,206	722,808	90,352	892,254,947	834,174,633	98,959,675

OIL AND GAS OPERATIONS

INDIAN LANDS

ALASKA

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1967	57,367	8,390	1,395	57,367	8,390	1,395
1969	134,495	19,423	3,237	134,495	19,423	3,237
1970	8,280	1,182	197	8,280	1,182	197
1971	77,414	10,274	1,712	77,414	10,274	1,712
1972-78	--	--	--	--	--	--
TOTALS	277,556	39,269	6,541	277,556	39,269	6,541

OIL AND GAS OPERATIONS

ALL LANDS

ARIZONA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	--	--	--	4,856	486	61
1955	220	1,191	149	25,258	2,626	328
1956	255	742	93	5,066	607	76
1957	17	48	6	--	--	--
1958	--	--	--	548	110	14
1959	37,074	95,407	14,417	--	--	--
1960	72,573	177,610	29,420	--	--	--
1961	75,045	184,624	29,744	--	--	--
1962	47,319	119,296	19,654	183,199	26,871	6,636
1963	58,359	170,268	27,462	146,040	23,542	6,778
1964	54,405	159,217	25,774	293,782	37,326	7,761
1965	100,553	246,548	35,641	3,727,604	627,738	84,722
1966	131,517	325,386	45,490	1,710,598	270,520	38,465
1967	2,355,541	7,481,644	1,241,388	1,125,774	169,370	24,945
1968	3,422,277	9,178,537	1,524,136	1,094,265	209,483	28,156
1969	2,057,531	5,904,521	977,391	1,219,301	200,023	26,712
1970	1,907,001	6,324,124	1,041,576	1,182,161	215,705	27,791
1971	1,453,573	4,753,554	782,565	913,085	167,504	21,593
1972	948,073	3,299,108	539,626	523,835	100,960	13,254
1973	307,069	3,066,696	504,104	198,643	37,811	5,182
1974	738,321	3,993,170	657,453	22,719	4,504	793
1975	631,723	3,510,581	564,243	604	145	87
1976	521,470	2,867,740	459,217	29,575	13,458	1,689
1977	430,243	2,358,735	363,699	33,533	15,997	2,000
1978	418,132	2,559,521	400,168	37,689	86,793	10,849
TOTALS	16,455,244	56,786,368	9,289,025	12,470,236	2,211,579	307,892

OIL AND GAS OPERATIONS

ALL LANDS

ARIZONA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	4,856	486	61
1955	26,678	3,817	477
1956	6,324	1,349	169
1957	17	48	6
1958	548	110	14
1959	37,074	95,407	14,417
1960	72,573	177,610	29,420
1961	75,045	184,624	29,744
1962	231,018	146,167	26,290
1963	215,009	193,810	34,240
1964	348,247	196,543	33,535
1965	3,828,267	874,286	120,363
1966	1,842,015	595,906	84,364
1967	3,981,315	7,651,014	1,266,333
1968	4,516,542	9,388,020	1,552,292
1969	3,276,832	6,104,544	1,004,103
1970	3,089,162	6,539,829	1,069,367
1971	2,382,028	4,921,058	804,158
1972	1,521,908	3,399,068	552,880
1973	1,005,712	3,104,507	509,286
1974	761,040	3,997,674	658,456
1975	632,327	3,519,726	569,330
1976	551,146	2,881,198	460,906
1977	463,776	2,374,732	365,689
1978	455,821	2,646,414	411,017
TOTALS	29,325,280	58,997,947	9,596,917

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARIZONA

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1952	10,329	6,900	4,140	10,329	6,900	4,140
1963	10,912	8,063	4,843	10,912	8,063	4,843
1964	9,593	6,511	3,909	9,593	6,511	3,909
1965	20,574	13,167	7,900	20,574	13,167	7,900
1966	15,164	9,790	5,374	15,164	9,790	5,374
1967	19,077	7,945	4,767	19,077	7,945	4,767
1968	7,671	2,644	1,586	7,671	2,644	1,586
1969	5,640	1,496	898	5,640	1,496	898
1970	7,793	1,742	1,046	7,793	1,742	1,046
1971	5,745	1,379	827	5,745	1,379	827
1972	5,557	1,334	801	5,557	1,334	801
1973	3,994	959	575	3,994	959	575
1974	2,015	484	290	2,015	484	290
1975	604	145	87	604	145	87
1976	54	13	8	54	13	8
1977-78						
TOTALS	124,822	62,572	37,551	124,822	62,572	37,551

OIL AND GAS OPERATIONS

INDIAN LANDS

ARIZONA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	--	--	--	4,856	486	61
1955	420	1,191	149	26,258	2,626	328
1956	253	742	93	6,066	607	76
1957	17	48	6	--	--	--
1958	--	--	--	548	110	14
1959	37,074	95,407	14,417	--	--	--
1960	72,573	177,610	29,420	--	--	--
1961	75,745	184,624	29,744	--	--	--
1962	47,319	119,296	19,654	172,870	19,971	2,496
1963	68,969	170,268	27,462	135,128	15,479	1,935
1964	64,465	159,217	25,774	274,089	30,815	3,852
1965	100,653	246,548	35,641	3,707,030	614,571	76,822
1966	131,417	325,386	45,899	1,695,434	260,730	32,591
1967	2,855,541	7,481,644	1,241,388	1,106,697	161,425	20,178
1968	3,422,277	9,178,537	1,524,136	1,086,594	206,839	26,570
1969	2,057,531	5,904,521	977,391	1,213,661	198,527	25,814
1970	1,907,701	6,324,124	1,041,576	1,174,368	213,963	26,745
1971	1,468,543	4,753,554	782,565	907,340	166,125	20,766
1972	998,073	3,298,108	539,626	518,278	99,626	12,453
1973	807,069	3,066,696	504,104	194,649	36,852	4,607
1974	739,321	3,993,170	657,663	20,704	4,020	503
1975	631,723	3,519,581	569,243	--	--	--
1976	321,470	2,867,740	459,217	29,622	13,445	1,681
1977	430,243	2,358,735	363,689	33,533	15,997	2,000
1978	413,132	2,559,621	400,168	37,689	86,793	10,849
TOTALS	16,355,044	56,786,368	9,289,025	12,345,414	2,149,007	270,341

OIL AND GAS OPERATIONS

INDIAN LANDS

ARIZONA

CALENDAR
YEAR

<- TOTAL ALL PRODUCTS ->

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

1954	4,356	486	61
1955	26,678	3,817	477
1956	6,324	1,349	169
1957	17	48	6
1958	548	110	14
1959	37,074	95,407	14,417
1960	72,573	177,610	29,420
1961	75,045	184,624	29,744
1962	220,689	139,267	22,150
1963	204,097	185,747	29,397
1964	338,554	190,032	29,626
1965	3,807,693	861,119	112,463
1966	1,826,851	586,116	78,490
1967	3,962,238	7,643,069	1,261,566
1968	4,508,871	9,385,376	1,550,706
1969	3,271,192	6,103,048	1,003,205
1970	3,081,369	6,538,087	1,068,321
1971	2,376,283	4,919,679	803,331
1972	1,516,351	3,397,734	552,079
1973	1,001,718	3,103,548	508,711
1974	759,025	3,997,190	658,166
1975	631,723	3,519,581	569,243
1976	551,092	2,881,185	460,898
1977	463,776	2,374,732	365,689
1978	455,821	2,646,414	411,017

TOTALS

29,200,458	58,935,375	9,559,366
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OIL AND GAS OPERATIONS

ALL LANDS

ARKANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	--	--	--	--	--	132
1957	--	--	--	--	--	393
1958	--	--	--	--	--	788
1959	--	--	--	8,532	5,479	685
1960	--	--	--	56,502	14,045	1,600
1961	3,421	13,304	2,289	682,603	105,530	9,185
1962	6,600	14,190	1,774	673,902	107,037	9,574
1963	3,955	8,507	1,063	228,962	41,900	6,064
1964	2,734	5,878	735	397,971	64,493	9,386
1965	--	--	--	595,425	99,163	14,231
1966	5,436	12,366	1,928	407,727	90,282	11,330
1967	6,339	14,916	2,419	391,133	67,466	8,767
1968	11,512	10,712	1,699	280,627	48,269	7,035
1969	2,862	7,064	1,178	810,373	128,681	19,311
1970	2,100	5,474	912	605,245	94,543	13,814
1971	1,160	3,218	536	1,609,713	282,958	45,106
1972	722	2,025	337	2,017,535	368,669	59,729
1973	518	1,793	299	1,924,523	377,203	61,234
1974	400	4,417	736	1,376,795	312,402	50,014
1975	493	5,740	888	2,892,840	1,299,267	183,846
1976	--	--	--	6,091,334	3,398,921	488,151
1977	--	--	--	6,117,019	4,957,489	702,129
1978	500	4,797	799	5,973,798	6,101,521	863,801
TOTALS	46,995	119,401	17,592	33,143,559	17,965,318	2,566,305

OIL AND GAS OPERATIONS

ALL LANDS

ARKANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1967	304	16	2	--	--	--
1968	662	130	17	--	--	--
1969-70	--	--	--	--	--	--
1971	3,058	540	68	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	25,585	14,067	1,824
1976	--	--	--	32,225	21,486	2,685
1977	--	--	--	1,380	1,108	138
1978	--	--	--	54,311	74,317	9,289
TOTALS	4,024	686	87	113,501	110,978	13,936

OIL AND GAS OPERATIONS

ALL LANDS

ARKANSAS

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	0	0	132
1956	0	0	393
1957	0	0	788
1958	8,532	5,479	685
1959	56,502	14,045	1,600
1960	691,024	123,834	11,474
1961	680,502	121,227	11,348
1962	232,718	50,407	7,127
1963	400,705	70,371	10,121
1964	596,425	99,163	14,231
1965	413,163	102,648	13,258
1966	397,776	82,398	11,188
1967	285,801	59,111	8,751
1968	813,235	135,745	20,489
1969	607,430	100,017	14,726
1970	1,613,931	286,716	45,710
1971	2,018,257	370,694	60,066
1972	1,925,037	378,996	61,533
1973	1,377,251	316,819	50,750
1974	2,918,923	1,319,074	186,558
1975	6,123,559	3,420,407	490,836
1976	6,118,399	4,958,597	702,267
1977	6,028,709	6,180,635	873,889
1978			
TOTALS	33,308,079	18,196,383	2,597,920

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARKANSAS

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	--	--	--	--	--	132
1957	--	--	--	--	--	393
1958	--	--	--	--	--	788
1959	--	--	--	6,730	5,190	649
1960	--	--	--	24,818	8,992	1,124
1961	8,421	18,304	2,289	61,786	7,840	980
1962	6,600	14,190	1,774	42,005	7,414	927
1963	3,555	8,507	1,063	58,441	10,331	1,291
1964	2,734	5,878	735	30,216	5,236	697
1965	--	--	--	62,412	9,902	1,238
1966	1,443	3,246	408	48,491	8,125	1,017
1967	701	1,614	202	80,619	13,031	1,629
1968	882	2,073	259	54,129	8,952	1,119
1969	--	--	--	67,332	10,063	1,258
1970	--	--	--	80,647	9,618	1,202
1971	--	--	--	67,691	9,987	1,249
1972	--	--	--	52,869	8,375	1,047
1973	--	--	--	51,297	11,348	1,591
1974	--	--	--	41,749	12,071	1,510
1975	1+6	1,646	206	768,993	446,084	62,822
1976	--	--	--	576,949	392,158	49,020
1977	--	--	--	423,864	463,279	57,910
1978	--	--	--	673,360	1,059,793	132,484
TOTALS	24,833	55,458	6,936	3,274,398	2,507,789	322,077

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARKANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	70	13	2	--	--	--
1969-74	--	--	--	--	--	--
1975	--	--	--	3,024	1,798	234
1976	--	--	--	18,476	11,451	1,431
1977	--	--	--	664	528	66
1978	--	--	--	1,107	1,641	205
TOTALS	70	13	2	23,271	15,418	1,936

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARKANSAS

CALENDAR
YEAR

<- TOTAL ALL PRODUCTS ->

QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
0	0	132
0	0	393
0	0	788
6,730	5,190	649
24,818	8,992	1,124
70,207	26,144	3,269
48,605	21,604	2,701
62,397	18,838	2,354
32,950	11,114	1,432
62,412	9,902	1,238
49,934	11,371	1,425
81,320	14,645	1,831
55,081	11,038	1,380
67,332	10,063	1,258
80,647	9,618	1,202
67,691	9,987	1,249
52,869	8,375	1,047
51,297	11,348	1,591
41,749	12,071	1,510
772,163	449,528	63,262
595,425	403,609	50,451
424,528	463,807	57,976
674,467	1,061,434	132,689
3,322,622	2,578,678	330,951

TOTALS

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ARKANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	--	--	--	1,802	289	36
1960	--	--	--	31,684	5,053	476
1961	--	--	--	620,817	97,690	8,205
1962	--	--	--	631,897	99,623	8,647
1963	--	--	--	170,521	31,569	4,773
1964	--	--	--	367,755	59,257	8,689
1965	--	--	--	534,013	89,261	12,993
1966	3,993	9,120	1,520	359,236	82,157	10,313
1967	5,638	13,302	2,217	310,514	54,435	6,804
1968	3,630	8,639	1,440	226,498	39,317	4,915
1969	2,862	7,064	1,178	229,713	41,201	5,150
1970	2,135	5,474	912	215,608	37,002	4,625
1971	1,160	3,218	536	223,086	40,507	5,113
1972	722	2,025	337	183,820	33,444	4,207
1973	514	1,793	299	173,006	31,995	4,000
1974	456	4,417	736	145,388	37,226	4,653
1975	352	4,094	682	1,026,305	584,156	76,186
1976	--	--	--	2,127,387	1,491,906	186,655
1977	--	--	--	2,248,642	2,578,110	321,370
1978	500	4,797	799	1,731,877	2,622,374	328,091
TOTALS	22,112	63,943	10,656	11,559,569	8,056,572	1,005,901

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ARKANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1967	304	16	2	--	--	--
1968	592	117	15	--	--	--
1969-70	--	--	--	--	--	--
1971	3,053	540	68	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	22,561	12,269	1,590
1976	--	--	--	13,749	10,035	1,254
1977	--	--	--	716	580	72
1978	--	--	--	53,204	72,676	9,084
TOTALS	3,954	673	85	90,230	95,560	12,000

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ARKANSAS

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	1,902	289	36
1959	31,584	5,053	476
1961	620,817	97,690	8,205
1962	631,897	99,623	8,647
1963	170,521	31,569	4,773
1964	367,755	59,257	8,689
1965	534,013	89,261	12,993
1966	353,229	91,277	11,833
1967	316,456	67,753	9,023
1968	230,720	48,073	6,370
1969	232,575	48,265	6,328
1970	217,793	42,476	5,537
1971	227,304	44,265	5,717
1972	184,542	35,469	4,544
1973	173,520	33,789	4,299
1974	145,844	41,643	5,389
1975	1,049,218	600,519	78,458
1976	2,141,136	1,501,941	187,909
1977	2,249,358	2,578,690	321,442
1978	1,785,681	2,699,847	337,974
TOTALS	11,675,865	8,216,748	1,028,642

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

ARKANSAS

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1967	--	--	334	--	--	334
1968	--	--	1,001	--	--	1,001
1969	513,328	77,417	12,903	513,328	77,417	12,903
1970	308,990	47,923	7,987	308,990	47,923	7,987
1971	1,318,936	232,464	38,744	1,318,936	232,464	38,744
1972	1,780,846	326,850	54,475	1,780,846	326,850	54,475
1973	1,700,220	333,860	55,643	1,700,220	333,860	55,643
1974	1,189,658	263,105	43,851	1,189,658	263,105	43,851
1975	1,097,542	269,027	44,838	1,097,542	269,027	44,838
1976	3,386,998	1,514,857	252,476	3,386,998	1,514,857	252,476
1977	3,444,513	1,916,100	322,849	3,444,513	1,916,100	322,849
1978	3,568,561	2,419,354	403,226	3,568,561	2,419,354	403,226
TOTALS	18,309,592	7,400,957	1,238,327	18,309,592	7,400,957	1,238,327

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	609,717,273	831,426,261	110,239,904	912,022,970	71,013,000	11,682,368
1952	27,333,544	63,380,841	7,127,582	25,080,946	3,748,507	761,585
1953	28,414,930	70,964,150	8,378,602	32,163,905	4,543,834	869,927
1954	27,867,803	71,793,722	8,460,801	27,551,312	3,536,008	766,879
1955	26,817,494	68,882,187	8,250,337	23,228,453	2,887,147	805,521
1956	25,788,334	66,369,596	8,048,890	19,797,266	2,497,144	726,535
1957	24,667,372	69,989,038	8,676,625	19,179,891	2,649,927	827,396
1958	23,119,580	69,799,293	7,803,860	18,451,400	3,844,784	759,460
1959	23,544,591	65,841,209	7,710,077	19,755,910	5,174,596	847,536
1960	23,205,322	61,527,150	7,245,191	19,897,671	5,600,623	931,851
1961	22,088,996	58,543,850	6,805,181	23,447,524	6,746,002	1,143,229
1962	20,634,294	55,008,788	6,365,051	20,682,224	6,609,053	1,055,740
1963	21,411,232	57,292,171	6,698,692	29,724,240	9,305,202	1,258,005
1964	21,078,530	55,516,772	6,609,731	34,305,196	10,277,123	1,388,391
1965	21,481,564	55,097,759	6,451,833	35,304,088	10,775,269	1,466,482
1966	23,222,503	56,935,301	6,734,598	35,535,079	10,851,160	1,590,432
1967	25,295,357	59,649,652	7,032,278	33,745,862	10,225,516	1,412,996
1968	27,616,987	63,935,962	7,834,346	35,958,585	10,799,379	1,596,681
1969	35,059,392	38,706,084	11,923,685	32,522,624	9,587,968	1,363,417
1970	50,431,565	134,186,685	19,516,600	42,101,152	12,589,142	1,979,613
1971	54,825,924	160,664,947	23,885,448	41,497,251	12,789,925	1,914,772
1972	44,317,645	126,323,222	18,413,482	32,088,534	10,434,462	1,553,815
1973	39,323,724	125,019,765	17,955,297	25,458,264	8,646,399	1,340,974
1974	36,536,359	190,449,646	26,455,017	21,391,854	8,802,649	1,200,803
1975	35,058,825	189,450,580	25,649,540	20,632,788	11,156,980	1,577,113
1976	32,725,371	190,540,548	25,907,034	14,793,996	9,912,011	1,495,891
1977	30,312,055	183,680,226	24,963,113	10,497,202	8,261,620	1,581,202
1978	29,652,556	200,413,411	27,771,105	22,323,554	15,753,851	4,829,902
TOTALS	1,507,539,743	3,491,388,816	458,913,900	1,629,239,741	289,019,281	48,728,516

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- CO _ 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRE 1951	1,554,216,853	104,990,768	5,220,102	--	--	--
1952	88,666,954	5,582,418	355,086	--	--	--
1953	89,276,074	6,513,714	520,427	--	--	--
1954	85,928,640	6,069,699	494,129	--	--	--
1955	93,713,432	5,767,243	449,256	--	--	--
1956	84,913,373	5,952,352	458,793	--	--	--
1957	82,618,094	5,847,116	427,247	--	--	--
1958	81,250,325	5,885,886	338,955	--	--	--
1959	91,361,394	5,884,160	327,854	1,572	505	24
1960	80,103,143	5,526,204	308,571	34,752	11,184	553
1961	78,864,523	5,295,880	332,966	55,140	17,753	900
1962	73,767,402	4,951,492	292,029	84,534	26,227	1,411
1963	50,957,220	3,241,935	207,220	117,462	34,735	2,210
1964	48,849,311	3,250,380	193,084	124,608	36,825	2,362
1965	44,963,907	2,952,192	177,760	119,142	38,361	1,975
1966	67,197,565	3,445,831	238,415	130,788	42,117	2,235
1967	70,449,343	4,580,967	260,047	137,466	44,258	2,239
1968	69,255,480	4,519,831	250,070	36,768	10,484	485
1969	51,576,429	4,010,925	209,448	52,299	15,054	805
1970	54,575,175	3,594,219	185,209	49,820	13,917	798
1971	51,102,641	3,452,000	191,531	49,345	14,680	852
1972	44,035,949	3,034,806	168,177	32,444	9,264	531
1973	40,361,922	3,152,330	175,152	63,167	14,826	889
1974	36,255,527	3,968,158	241,153	85,555	28,564	1,731
1975	35,860,187	4,137,135	222,964	74,407	19,920	1,233
1976	27,933,141	3,621,569	182,738	41,007	13,166	823
1977	19,002,747	2,922,346	138,463	680	222	11
1978	17,293,399	2,732,679	116,596	631	367	20
TOTALS	3,204,963,674	225,884,235	12,683,442	1,291,627	392,429	22,087

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	4,464	2,340	292
1975	--	--	--	21,240	12,132	1,550
1976	--	--	--	32,458	26,016	3,271
1977	225	1,632	204	18,840	21,926	2,791
1978	975	10,682	1,335	15,630	12,928	1,618
TOTALS	1,200	12,314	1,539	92,632	75,342	9,522

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR

1952

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

3,071,957,111

141,081,544

149,854,909

141,347,760

133,759,379

130,498,973

126,465,357

122,831,805

125,163,971

123,241,393

124,456,288

115,168,454

102,210,204

104,357,795

101,868,801

126,185,935

129,618,528

132,867,820

129,310,744

147,157,712

147,475,161

120,474,573

105,207,077

94,274,909

91,647,447

75,525,973

59,831,749

69,287,245

1,007,430,029

72,711,766

82,021,698

81,399,429

77,536,577

74,819,092

78,486,081

79,529,963

76,900,470

72,665,161

70,603,485

66,595,560

69,874,043

69,081,100

68,863,581

72,274,409

74,500,393

79,265,656

102,320,031

150,383,963

176,921,552

139,801,754

136,833,320

203,251,357

204,776,747

204,113,310

194,987,972

218,923,918

127,142,374

8,244,253

9,768,956

9,721,809

9,505,114

9,234,218

9,931,268

8,902,275

8,885,491

8,486,166

8,282,276

7,714,231

8,166,127

8,193,568

8,098,050

8,565,680

8,707,560

9,681,582

13,497,355

21,682,220

25,992,603

20,136,005

19,472,312

27,898,996

27,452,400

27,589,757

26,685,784

32,720,576

TOTALS

6,243,128,617

4,006,772,417

520,359,006

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1951	445,735,194	650,311,691	73,244,972	733,810,397	51,967,463	7,940,414
1952	25,089,251	57,577,824	6,377,867	20,912,551	1,744,462	404,915
1953	26,061,581	64,007,019	7,462,019	27,846,816	2,562,018	518,671
1954	25,659,140	65,133,520	7,585,305	23,678,648	2,584,169	481,027
1955	24,561,345	61,998,020	7,343,346	18,402,305	2,041,607	403,188
1956	23,317,350	58,843,340	7,053,774	14,675,097	1,615,200	321,532
1957	22,269,593	61,888,813	7,616,725	13,876,203	1,580,222	353,992
1958	20,682,314	61,811,000	6,755,942	12,494,875	2,335,410	340,269
1959	19,041,501	51,778,330	5,705,972	12,820,858	3,354,843	389,833
1960	18,434,620	47,406,404	5,252,630	12,668,351	3,528,470	406,833
1961	17,428,527	45,971,708	5,061,485	14,733,338	4,164,806	493,113
1962	16,764,007	43,601,131	4,765,604	12,104,330	3,697,715	431,893
1963	17,600,539	46,079,202	5,110,183	21,166,857	6,493,754	664,311
1964	17,524,351	45,117,964	5,142,152	26,175,920	7,820,493	838,045
1965	17,931,046	44,758,783	4,983,238	26,652,919	8,128,036	864,913
1966	19,523,351	45,588,554	5,271,591	26,189,398	7,865,097	897,989
1967	20,964,215	47,788,516	5,451,416	24,591,913	7,398,230	842,930
1968	21,282,712	47,279,818	5,450,523	24,246,723	7,240,358	809,435
1969	21,223,224	49,548,353	5,746,347	18,803,899	5,569,694	609,880
1970	21,589,546	50,219,295	5,846,185	17,976,524	5,502,886	590,320
1971	20,202,149	50,776,009	5,884,918	16,420,196	5,344,568	551,601
1972	18,721,939	46,384,755	5,392,702	13,635,338	4,774,729	475,543
1973	17,716,325	51,827,963	6,088,562	10,320,239	3,684,518	360,483
1974	17,234,552	99,732,470	11,857,641	9,318,103	4,384,511	405,176
1975	17,972,545	113,403,758	13,610,967	10,994,437	6,470,203	703,872
1976	17,529,035	113,785,467	13,734,039	7,496,047	5,839,372	608,945
1977	17,652,775	123,226,469	14,960,283	5,184,669	5,448,543	543,591
1978	17,218,125	128,795,121	15,712,501	4,533,591	5,803,768	581,732
TOTALS	987,332,763	2,375,641,797	274,468,839	1,181,730,582	178,945,145	22,834,446

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- C O _ 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	1,163,156,244	70,316,725	3,439,495	--	--	--
1952	78,788,752	4,934,380	313,966	--	--	--
1953	79,727,663	5,672,862	470,758	--	--	--
1954	76,300,743	5,214,856	437,921	--	--	--
1955	74,385,533	4,933,788	399,774	--	--	--
1956	75,161,575	5,088,375	409,721	--	--	--
1957	71,862,937	4,877,946	373,989	--	--	--
1958	68,923,330	4,981,569	288,510	--	--	--
1959	68,479,553	4,890,501	271,423	--	--	--
1960	66,513,587	4,572,303	254,220	--	--	--
1961	65,189,581	4,360,967	266,019	--	--	--
1962	61,041,254	4,091,399	236,892	--	--	--
1963	37,950,100	2,370,546	152,189	--	--	--
1964	37,725,903	2,407,140	143,541	--	--	--
1965	32,786,754	2,131,773	127,943	--	--	--
1966	54,196,024	3,613,275	189,015	--	--	--
1967	58,191,303	3,843,579	213,037	--	--	--
1968	55,965,239	3,673,551	204,525	4,842	206	10
1969	50,310,537	3,277,638	169,048	1,977	84	4
1970	43,105,133	2,850,308	141,685	3,644	154	7
1971	34,909,743	2,367,681	114,113	612	182	9
1972	29,879,904	2,071,273	100,288	783	195	14
1973	26,330,036	2,118,897	110,443	687	164	7
1974	21,561,294	2,619,827	150,001	2,432	617	35
1975	22,833,379	2,611,762	124,979	977	260	14
1976	19,980,713	2,600,535	117,875	782	250	13
1977	19,002,747	2,922,346	138,463	680	222	11
1978	17,159,533	2,715,067	115,422	631	367	20
TOTALS	2,516,430,334	168,220,969	9,475,255	18,047	2,701	144

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	4,464	2,340	292
1975	--	--	--	18,325	11,341	1,418
1976	--	--	--	13,900	14,320	1,790
1977	225	1,632	204	11,923	15,009	1,876
1978	375	10,682	1,335	13,007	10,019	1,252
TOTALS	1,200	12,314	1,539	61,619	53,029	6,628

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRELIM	2,347,702,835	772,595,879	84,624,881
1952	124,790,564	64,256,666	7,096,748
1953	133,636,165	72,241,899	8,451,448
1954	125,638,531	72,932,545	8,504,253
1955	117,349,244	68,973,415	8,146,308
1956	113,154,132	65,546,915	7,785,027
1957	108,008,833	68,346,981	8,344,706
1958	102,110,519	59,127,979	7,384,721
1959	100,341,917	60,023,674	6,367,228
1960	97,616,655	55,507,177	5,913,683
1961	97,751,546	54,497,481	5,820,617
1962	89,910,491	51,390,245	5,434,389
1963	76,717,678	54,943,502	5,926,683
1964	81,425,874	55,435,597	6,123,738
1965	77,370,719	55,018,592	5,976,094
1966	99,908,773	58,066,926	6,358,595
1967	103,747,437	59,030,325	6,507,383
1968	101,499,566	58,194,033	6,464,493
1969	90,339,641	58,396,269	6,525,279
1970	82,674,852	58,572,643	6,578,197
1971	71,532,705	58,488,440	6,550,641
1972	62,238,014	53,230,952	5,968,547
1973	54,367,337	57,631,542	6,559,495
1974	48,120,845	105,739,765	12,413,145
1975	51,820,163	122,497,324	14,441,250
1976	45,020,483	122,239,944	14,462,662
1977	41,853,019	131,614,221	15,644,428
1978	38,926,012	137,335,024	16,412,262
TOTALS	4,685,574,550	2,722,875,955	306,786,901

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

CALIFORNIA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	2,034,839	5,222,650	870,444	799,685	215,915	35,986
1960	9,140,844	28,042,929	4,673,822	4,845,851	1,308,380	218,063
1970	24,987,623	72,294,311	12,049,052	12,229,147	3,301,870	550,312
1971	31,102,273	98,407,829	16,401,306	15,671,479	4,231,299	705,217
1972	22,562,213	70,131,629	11,688,605	10,033,581	2,709,067	451,511
1973	18,915,318	63,475,178	10,579,199	7,286,549	1,968,775	328,129
1974	16,776,744	78,014,292	13,002,385	5,573,642	1,485,338	247,556
1975	15,374,757	63,789,230	10,631,541	3,951,633	1,083,486	180,581
1976	13,978,553	65,245,691	10,874,283	3,475,201	1,013,835	168,973
1977	12,267,593	58,205,617	9,707,115	3,289,963	1,699,845	283,381
1978	12,035,333	59,709,403	11,704,453	3,772,292	1,934,826	314,421
TOTALS	179,932,999	672,538,769	112,182,205	70,629,023	20,952,636	3,484,130

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1970	132,639	8,187	546	--	--	--
1971	2,115,623	131,712	8,781	--	--	--
1972	114,004	5,977	399	--	--	--
1973-74	--	--	--	--	--	--
1975	--	--	--	2,915	791	132
1976	--	--	--	1,018	469	78
1977	--	--	--	318	277	85
1978	134,210	17,612	1,174	146	41	7
TOTALS	2,496,937	163,483	10,900	4,397	1,578	302

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	2,859,574	5,438,575	906,430
1969	14,786,695	29,351,309	4,891,885
1970	37,349,414	75,604,368	12,599,910
1971	48,890,655	102,770,840	17,115,304
1972	32,710,298	72,846,673	12,140,515
1973	26,201,853	65,443,953	10,907,328
1974	22,350,386	79,499,530	13,249,941
1975	19,259,305	64,873,507	10,812,254
1976	17,454,772	66,259,995	11,043,334
1977	15,557,879	59,905,739	9,990,581
1978	15,692,562	71,661,882	12,020,055
TOTALS	253,113,403	693,656,471	115,677,537

OIL AND GAS OPERATIONS

ACQUIRED LANDS

CALIFORNIA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1951	--	--	--	39,388,468	10,418,268	2,472,119
1952	--	--	--	2,901,417	1,826,668	334,337
1953	--	--	--	2,740,994	1,761,163	323,311
1954	1,579	4,583	2,477	2,183,125	714,947	255,902
1955	2,305	6,600	3,355	2,981,792	586,626	368,819
1956	1,902	5,907	2,767	2,360,172	497,470	353,180
1957	1,727	5,549	2,431	2,077,121	470,987	394,486
1958	1,201	3,795	1,898	1,882,202	652,479	306,665
1959	1,652	4,333	2,167	2,000,759	655,980	305,496
1960	1,521	4,271	2,137	2,273,614	749,002	350,758
1961	1,353	3,773	1,720	2,569,532	844,888	376,820
1962	1,142	2,932	1,645	2,232,255	733,027	313,002
1963	1,394	4,174	2,465	2,297,451	753,864	295,138
1964	1,260	3,552	2,095	2,254,960	647,413	287,953
1965	85,197	241,515	31,360	2,915,774	948,557	357,294
1966	498,750	1,159,801	146,810	4,191,645	1,351,560	463,613
1967	1,542,315	3,733,197	468,829	4,023,421	1,283,742	360,934
1968	1,519,181	3,866,004	486,672	5,741,051	1,819,077	547,095
1969	1,107,053	2,976,364	383,174	4,103,116	1,278,424	344,471
1970	897,961	2,457,159	321,115	5,254,621	1,687,833	534,339
1971	710,221	2,094,686	274,636	4,854,789	1,622,376	449,995
1972	667,147	1,928,575	257,120	4,423,893	1,511,994	437,691
1973	550,412	1,837,052	245,088	4,304,860	1,659,164	479,426
1974	416,888	1,905,990	255,861	2,651,933	1,189,371	321,217
1975	324,331	1,509,576	200,647	2,110,650	1,269,532	388,762
1976	370,135	2,055,901	270,862	1,596,238	1,111,538	464,608
1977	391,632	2,248,140	295,715	2,022,570	1,113,232	754,230
1978	348,523	1,908,887	354,151	14,317,671	8,015,257	3,933,749
TOTALS	9,450,792	29,972,316	4,017,248	132,656,094	47,175,439	16,575,410

OIL AND GAS OPERATIONS

ACQUIRED LANDS

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	985,138	46,349	9,349	--	--	--
1953	97,341	16,356	3,259	--	--	--
1954-75	--	--	--	--	--	--
1976	--	--	--	17,540	11,227	1,403
1977	--	--	--	6,599	6,640	830
1978	--	--	--	2,477	2,868	359
TOTALS	1,082,979	62,705	12,608	26,616	20,735	2,592

OIL AND GAS OPERATIONS

ACQUIRED LANDS

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	39,388,468	10,418,268	2,472,119
1952	3,886,555	1,873,017	343,686
1953	2,838,835	1,777,519	326,570
1954	2,184,804	719,530	258,379
1955	2,984,098	593,226	372,174
1956	2,362,074	503,377	355,947
1957	2,078,848	476,536	396,917
1958	1,883,403	656,274	308,563
1959	2,002,211	661,313	307,663
1960	2,275,135	753,273	352,895
1961	2,570,885	848,661	378,540
1962	2,233,397	735,959	314,647
1963	2,298,845	758,038	297,603
1964	2,256,220	650,965	290,048
1965	3,004,968	1,190,072	388,654
1966	4,690,405	2,511,361	610,423
1967	5,565,737	5,016,939	829,763
1968	7,260,232	5,685,081	1,033,767
1969	5,210,169	4,254,788	727,645
1970	6,152,582	4,144,992	855,455
1971	5,565,010	3,717,062	724,681
1972	5,091,040	3,440,569	694,811
1973	4,855,272	3,496,216	724,514
1974	3,068,821	3,095,361	577,078
1975	2,434,981	2,779,108	589,409
1976	1,983,964	3,178,666	736,873
1977	2,420,851	3,368,012	1,050,775
1978	14,668,671	9,927,012	4,288,259
TOTALS	143,216,481	77,231,195	20,607,858

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

CALIFORNIA

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	123,756	14,350	3,266	123,756	14,350	3,266
1957	31,463	3,694	830	31,463	3,694	830
1958-78	--	--	--	--	--	--
TOTALS	155,219	18,044	4,096	155,219	18,044	4,096

OIL AND GAS OPERATIONS

NAVAL PETROLEUM RESERVE LANDS

CALIFORNIA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	159,981,084	181,114,570	36,994,932	138,824,105	8,627,269	1,269,835
1952	2,244,393	5,803,017	749,715	1,266,978	177,377	22,333
1953	2,353,249	6,957,131	916,583	1,576,095	220,653	27,945
1954	2,206,989	6,655,619	873,019	1,689,539	236,892	29,950
1955	2,253,842	6,877,567	903,636	1,844,356	258,914	33,514
1956	2,469,072	7,520,349	992,349	2,638,241	370,124	48,557
1957	2,395,952	8,094,676	1,057,469	3,195,104	595,024	78,088
1958	2,436,065	7,984,498	1,046,020	4,074,323	856,895	112,526
1959	4,501,638	14,058,546	2,001,938	4,934,293	1,162,773	152,207
1960	4,769,681	14,116,475	1,990,424	4,955,706	1,323,151	174,260
1961	4,259,116	12,568,369	1,741,976	6,144,654	1,736,308	273,296
1962	3,868,245	11,404,725	1,597,802	6,345,639	2,178,311	310,845
1963	3,809,299	11,208,795	1,586,044	6,259,892	2,057,584	298,556
1964	3,553,369	10,395,256	1,465,484	5,874,316	1,809,217	262,393
1965	3,461,424	10,097,461	1,437,235	5,735,395	1,698,676	244,275
1966	3,200,392	9,186,946	1,316,197	5,254,036	1,634,503	228,830
1967	2,778,825	8,127,939	1,112,033	5,130,528	1,543,544	209,132
1968	2,755,205	7,567,480	1,026,707	5,171,126	1,524,029	204,165
1969	2,783,267	8,137,938	1,120,342	4,769,758	1,431,470	191,003
1970	2,956,430	9,215,920	1,300,247	6,640,860	2,096,553	304,642
1971	2,810,005	9,386,423	1,324,538	4,550,787	1,591,682	207,959
1972	2,366,297	7,878,263	1,075,055	3,995,722	1,438,672	189,070
1973	2,141,673	7,879,572	1,042,448	3,546,616	1,333,942	172,936
1974	2,107,885	10,796,894	1,339,130	3,848,176	1,743,429	226,854
1975	1,457,192	10,748,016	1,206,385	3,576,068	2,333,759	303,898
1976	847,597	9,453,489	1,027,850	2,226,510	1,947,266	253,365
1977-78	--	--	--	--	--	--
TOTALS	230,773,197	413,235,934	68,245,558	244,068,823	41,928,017	5,830,434

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- CO _ 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	386,060,519	34,674,043	1,780,607	--	--	--
1952	8,893,054	601,689	31,771	--	--	--
1953	9,450,565	824,496	46,410	--	--	--
1954	9,527,337	854,843	56,208	--	--	--
1955	9,327,339	833,455	49,482	--	--	--
1956	9,751,698	863,977	49,072	--	--	--
1957	10,755,157	969,170	53,258	--	--	--
1958	12,327,495	904,317	50,445	--	--	--
1959	13,382,340	993,659	56,431	1,572	505	24
1960	13,589,464	953,901	54,351	34,752	11,184	553
1961	13,674,347	934,913	66,947	55,140	17,753	900
1962	12,726,143	860,093	55,137	84,534	26,227	1,411
1963	13,007,028	871,389	55,031	117,462	34,735	2,210
1964	11,123,408	753,240	49,543	124,608	36,825	2,362
1965	12,177,153	820,419	49,817	119,142	38,361	1,975
1966	13,001,541	832,556	49,400	130,788	42,117	2,235
1967	12,258,535	737,388	47,010	137,466	44,258	2,239
1968	13,290,191	846,180	45,545	31,926	10,278	475
1969	11,365,392	733,287	40,400	50,322	14,970	801
1970	11,337,393	735,724	42,978	46,176	13,763	791
1971	14,077,265	952,607	68,637	48,733	14,498	843
1972	14,041,541	957,556	67,490	31,661	9,069	517
1973	14,031,835	1,033,433	64,709	62,480	14,662	882
1974	14,695,633	1,348,331	91,152	83,163	27,947	1,696
1975	13,026,303	1,525,373	97,985	73,430	19,660	1,219
1976	7,952,422	1,021,034	64,863	40,225	12,916	810
1977-78	--	--	--	--	--	--
TOTALS	584,953,374	57,437,073	3,184,679	1,273,580	389,728	21,943

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)

ROYALTY
VALUE(\$)

PRIOR	684,865,808	224,415,882	40,045,374
1952	12,404,425	6,582,083	803,819
1953	13,379,909	8,002,280	990,938
1954	13,524,425	7,747,354	959,177
1955	13,426,037	7,969,936	986,632
1956	14,859,011	8,754,450	1,089,978
1957	16,346,213	9,658,870	1,188,815
1958	18,837,883	9,745,710	1,208,991
1959	22,819,843	16,215,483	2,210,600
1960	23,349,603	16,404,711	2,219,588
1961	24,133,857	15,257,343	2,083,119
1962	23,024,566	14,469,356	1,965,195
1963	23,193,681	14,172,503	1,941,841
1964	20,675,701	12,994,538	1,779,782
1965	21,493,114	12,654,917	1,733,302
1966	21,586,757	11,696,122	1,596,662
1967	20,305,354	10,453,129	1,370,414
1968	21,248,448	9,947,967	1,276,892
1969	18,974,239	10,317,665	1,352,546
1970	20,980,864	12,061,960	1,648,658
1971	21,486,791	11,945,210	1,601,977
1972	20,435,221	10,283,560	1,332,132
1973	19,782,605	10,261,609	1,280,975
1974	20,734,857	13,916,601	1,658,832
1975	18,132,998	14,626,808	1,609,487
1976	11,066,754	12,434,705	1,346,888
1977-78	--	--	--
TOTALS	1,161,068,964	512,990,752	77,282,614

OIL AND GAS OPERATIONS

ALL LANDS

COLUMBIA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	83,246,373	155,316,771	20,579,603	69,176,683	4,993,534	350,054
1952	14,084,503	32,317,615	5,396,477	28,298,462	2,184,487	259,719
1953	14,625,575	35,920,254	6,082,133	18,020,810	1,502,615	170,904
1954	15,027,989	38,149,095	6,678,140	22,180,205	2,387,303	274,219
1955	15,222,725	38,456,091	6,891,565	21,093,834	2,310,563	264,841
1956	18,570,175	46,676,038	8,816,006	22,367,775	2,448,040	275,688
1957	17,803,175	49,505,946	8,709,231	32,013,141	3,668,937	394,349
1958	14,869,133	44,593,512	6,674,028	32,729,259	3,627,706	408,919
1959	13,692,599	39,997,068	5,656,824	30,226,640	3,537,356	409,922
1960	13,730,559	40,062,872	5,548,830	28,945,092	3,436,296	399,496
1961	12,456,480	36,242,783	5,063,603	32,061,029	3,778,315	445,945
1962	12,104,883	35,090,848	4,926,269	31,306,918	3,899,881	462,228
1963	12,583,212	36,405,112	5,365,110	36,096,309	4,530,636	539,592
1964	12,385,707	35,574,471	5,059,797	40,004,849	5,290,391	628,458
1965	11,831,305	37,000,752	5,057,184	47,636,559	6,227,288	740,740
1966	12,318,163	55,064,340	5,178,519	54,838,883	7,251,012	888,128
1967	14,251,243	41,485,607	6,176,822	110,828,080	14,738,327	1,786,119
1968	12,396,144	36,656,621	5,327,865	12,256,328	2,068,751	178,382
1969	11,171,493	32,683,004	4,452,554	64,672,526	9,124,310	1,065,103
1970	8,383,034	26,508,650	3,551,861	64,934,252	9,201,550	1,092,660
1971	7,891,838	26,110,259	3,613,818	67,852,529	9,734,679	1,144,751
1972	11,801,235	41,155,184	5,523,727	64,522,217	9,963,368	1,186,951
1973	13,560,355	54,005,199	9,138,158	72,595,083	13,425,441	1,587,498
1974	10,059,545	98,005,778	17,319,604	70,063,923	14,718,089	1,719,411
1975	12,548,094	115,589,493	20,577,229	71,031,738	19,503,297	2,326,224
1976	12,704,300	118,720,843	21,092,687	68,993,470	25,063,854	3,004,249
1977	12,395,279	112,628,171	19,997,444	70,296,667	40,062,752	4,793,119
1978	12,299,152	120,773,031	21,858,368	67,899,261	50,056,478	5,872,518
TOTALS	433,915,235	1,580,695,408	250,313,456	1,352,942,522	278,735,256	32,670,187

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	17,001,353	1,146,343	50,104	--	--	--
1952	7,777,220	487,071	20,393	--	--	--
1953	9,135,016	653,541	25,689	243	5,839	365
1954	10,504,515	717,942	30,811	261	6,265	392
1955	10,141,739	672,673	29,687	--	--	--
1956	11,363,409	769,292	35,018	--	--	--
1957	11,322,329	768,536	34,829	--	--	--
1958	12,188,617	943,630	40,502	--	--	--
1959	14,470,551	856,767	45,279	--	--	--
1960	10,366,122	762,530	48,287	--	--	--
1961	14,608,519	689,095	68,496	--	--	--
1962	15,789,405	761,029	53,272	--	--	--
1963	21,114,505	1,017,615	62,575	--	--	--
1964	40,197,231	2,131,976	91,742	--	--	--
1965	26,632,212	1,527,426	51,512	--	--	--
1966	22,407,815	1,162,815	49,272	--	--	--
1967	30,658,343	1,402,817	53,720	--	--	--
1968	36,473,519	1,567,412	55,542	--	--	--
1969	28,365,581	1,108,989	38,388	--	--	--
1970	19,937,616	784,640	25,521	--	--	--
1971	33,788,626	1,435,383	48,364	--	--	--
1972	26,350,732	1,313,474	51,028	--	--	--
1973	14,800,513	1,231,592	102,663	--	--	--
1974	18,194,307	2,056,938	90,071	--	--	--
1975	13,833,791	1,938,449	75,474	--	--	--
1976	10,211,546	1,673,561	32,195	--	--	--
1977	50,730,560	4,196,180	278,727	--	--	--
1978	20,283,657	2,768,374	142,450	--	--	--
TOTALS	558,000,749	36,546,090	1,731,611	504	12,104	757

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<----- CO _ 2 ----->			<----- O I L L O S T ----->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	1,238	--	--	--
1952-54	--	--	--	--	--	--
1955	70,117	6,845	1,315	--	--	--
1956	63,179	5,945	1,185	--	--	--
1957	50,531	4,743	956	--	--	--
1958	67,175	10,079	1,260	--	--	--
1959	71,486	10,723	1,341	--	--	--
1960	54,361	8,155	1,019	--	--	--
1961	94,193	14,129	1,766	--	--	--
1962	102,237	15,336	1,917	--	--	--
1963	219,234	32,172	3,648	--	--	--
1964	278,688	35,855	3,924	--	--	--
1965	141,515	23,344	2,886	--	--	--
1966	150,569	25,073	3,133	--	--	--
1967	186,360	28,459	3,557	--	--	--
1968	204,029	37,693	4,680	--	--	--
1969	136,323	42,418	5,155	--	--	--
1970	84,053	19,015	2,187	--	--	--
1971	146,123	34,864	3,933	--	--	--
1972	162,629	36,122	4,196	--	--	--
1973	156,236	27,209	3,377	--	--	--
1974	121,920	21,700	2,676	--	--	--
1975	187,471	44,582	5,120	63	320	28
1976	51,942	90,748	8,429	2,012	11,330	816
1977	79,991	148,905	13,832	202	1,354	151
1978	53,223	103,864	9,648	32	175	22
TOTALS	2,984,043	827,978	92,378	2,309	13,179	1,017

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<----- G A S L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	169,424,409	161,456,648	20,980,999
1952	--	--	--	50,160,250	34,989,173	5,676,589
1953	--	--	--	41,832,044	38,082,249	6,279,091
1954	--	--	--	47,712,970	41,260,605	6,983,562
1955	--	--	--	46,528,415	41,446,172	7,187,408
1956	--	--	--	52,264,539	49,899,315	9,127,897
1957	--	--	--	61,189,629	53,948,162	9,139,365
1958	--	--	--	59,854,214	49,174,927	7,124,709
1959	--	--	--	58,461,276	44,401,914	6,113,366
1960	--	--	--	53,096,134	44,269,853	5,997,632
1961	--	--	--	59,220,227	40,724,322	5,579,810
1962	--	--	--	59,303,443	39,767,094	5,443,686
1963	--	--	--	70,013,260	41,985,535	5,970,925
1964	--	--	--	92,866,475	43,032,693	5,783,921
1965	--	--	--	86,241,591	44,778,810	5,852,322
1966	--	--	--	89,715,435	63,503,240	6,119,052
1967	--	--	--	155,924,031	57,655,210	8,020,218
1968	--	--	--	61,330,020	40,330,477	5,566,469
1969	--	--	--	104,396,328	42,958,721	5,561,200
1970	--	--	--	93,338,960	36,513,855	4,672,229
1971	--	--	--	109,679,116	37,315,185	4,810,866
1972	--	--	--	102,836,813	52,468,148	6,765,902
1973	--	--	--	101,112,287	68,689,441	10,831,696
1974	--	--	--	98,440,195	114,802,505	19,131,762
1975	33,468	12,679	16,352	97,634,625	137,088,820	23,000,427
1976	309,495	148,865	18,580	92,273,265	145,709,201	24,156,956
1977	535,305	254,809	26,418	133,338,404	157,292,171	25,109,691
1978	10,251,083	936,726	93,195	110,786,413	174,638,648	27,976,201
TOTALS	11,129,356	1,353,079	154,545	2,358,974,768	1,898,183,094	284,963,951

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLOFADO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	83,243,366	155,310,756	20,578,851	69,176,683	4,993,534	350,054
1952	14,066,453	32,281,398	5,391,950	7,378,238	615,470	63,592
1953	14,615,568	35,895,572	6,079,048	8,867,930	815,885	85,063
1954	15,020,053	38,127,125	6,675,394	10,442,023	1,139,590	118,255
1955	15,130,100	38,191,565	6,859,515	12,527,892	1,389,882	149,756
1956	18,354,962	46,320,307	8,775,777	14,694,078	1,617,289	171,844
1957	17,730,936	49,275,335	8,683,699	19,031,231	2,167,277	209,623
1958	14,812,932	44,432,106	6,655,929	19,318,315	2,096,777	217,436
1959	13,580,300	39,689,620	5,620,050	17,614,670	1,968,847	213,817
1960	13,534,072	39,848,381	5,522,986	17,073,565	1,947,764	213,280
1961	12,389,313	36,077,997	5,043,704	17,720,510	2,037,909	228,042
1962	12,008,590	34,848,174	4,896,168	17,480,737	2,113,017	238,137
1963	12,390,572	35,896,270	5,301,879	20,205,070	2,479,772	282,198
1964	12,169,263	35,008,127	4,979,065	24,324,834	3,129,191	356,550
1965	11,322,170	35,627,975	4,839,609	29,774,343	3,784,931	434,453
1966	11,924,643	53,994,520	5,009,257	33,500,553	4,354,265	523,647
1967	14,004,653	40,832,658	6,084,087	40,559,251	5,374,504	607,877
1968	12,153,561	35,979,238	5,238,899	45,333,730	6,321,738	707,142
1969	11,020,962	32,239,372	4,393,676	48,194,887	6,771,537	768,816
1970	8,192,026	26,096,618	3,496,928	46,638,337	6,521,397	755,519
1971	7,708,340	25,774,047	3,568,233	50,733,681	7,212,567	827,458
1972	11,704,051	40,835,380	5,479,514	48,806,484	7,099,856	827,042
1973	13,435,969	53,681,620	9,091,977	54,984,156	9,495,191	1,093,246
1974	9,968,923	97,495,657	17,248,894	54,569,060	11,039,507	1,256,882
1975	12,475,578	115,158,187	20,517,802	55,959,719	15,913,241	1,872,251
1976	12,632,565	118,287,423	21,031,802	52,229,248	19,395,428	2,290,073
1977	12,309,150	112,072,888	19,924,273	53,296,165	29,825,910	3,517,019
1978	12,203,539	120,308,814	21,794,272	55,800,667	41,330,503	4,777,705
TOTALS	430,203,063	1,569,587,130	248,783,238	946,236,057	202,952,779	23,156,777

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

<--- GASOLINE AND LPG --->

<----- CO _ 2 ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	17,001,353	1,146,343	50,104	--	--	1,238
1952	7,777,220	487,071	20,393	--	--	--
1953	9,185,016	653,541	25,689	--	--	--
1954	10,504,515	717,942	30,811	--	--	--
1955	10,141,739	672,673	29,687	70,117	6,845	1,315
1956	11,363,409	769,292	35,018	63,179	5,945	1,185
1957	11,320,612	768,426	34,824	50,984	4,743	956
1958	12,165,117	940,739	40,386	67,175	10,079	1,260
1959	14,435,589	852,838	45,115	71,486	10,723	1,341
1960	10,342,102	759,873	48,176	54,361	8,155	1,019
1961	14,608,519	689,095	68,496	94,193	14,129	1,766
1962	15,789,405	761,029	53,272	102,237	15,336	1,917
1963	20,507,346	992,107	61,511	219,234	32,172	3,648
1964	40,029,106	2,122,052	91,279	278,688	35,855	3,924
1965	26,407,971	1,515,755	51,222	141,515	23,344	2,886
1966	22,232,007	1,154,158	48,911	150,569	25,073	3,133
1967	27,850,045	1,325,440	49,482	186,360	28,459	3,557
1968	35,345,544	1,535,391	53,986	204,029	37,693	4,680
1969	27,426,414	1,085,391	37,328	186,323	42,418	5,155
1970	19,430,096	772,295	24,983	84,058	19,015	2,187
1971	32,956,895	1,408,569	47,164	146,123	34,864	3,933
1972	25,873,145	1,296,011	50,257	162,629	36,122	4,196
1973	14,569,733	1,219,967	102,152	156,236	27,209	3,377
1974	17,926,056	2,036,197	89,156	121,920	21,700	2,676
1975	13,525,283	1,917,776	74,543	187,471	44,582	5,120
1976	9,972,731	1,653,066	31,318	51,942	90,748	8,429
1977	49,586,590	4,090,664	274,265	79,991	148,905	13,832
1978	19,728,719	2,683,164	138,819	53,223	103,864	9,648
TOTALS	548,002,483	36,026,865	1,708,347	2,984,043	827,978	92,378

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	53	320	28	33,468	12,679	16,352
1976	2,012	11,330	816	291,301	140,372	17,518
1977	202	1,354	151	535,305	254,809	26,418
1978	32	175	22	10,251,088	936,726	93,195
TOTALS	2,309	13,179	1,017	11,111,162	1,344,586	153,483

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR

169,421,402	161,450,633	20,980,247
29,221,917	33,383,939	5,475,935
32,668,514	37,364,998	6,189,800
35,966,596	39,984,657	6,824,460
37,869,848	40,260,965	7,040,273
44,475,628	48,712,833	8,983,824
48,133,763	52,215,781	8,929,102
46,363,539	47,479,701	6,915,011
45,702,145	42,522,028	5,880,323
41,104,100	42,564,173	5,785,461
44,812,535	38,819,130	5,342,008
45,380,959	37,737,556	5,189,494
53,322,222	39,400,321	5,649,236
76,801,891	40,295,225	5,430,818
67,645,999	40,952,005	5,328,170
67,807,774	59,528,016	5,584,948
82,600,310	47,561,061	6,745,003
93,036,864	43,874,060	6,004,707
86,828,586	40,138,718	5,204,975
74,344,517	33,409,325	4,279,617
91,545,039	34,430,047	4,446,788
86,546,309	49,267,369	6,361,009
83,146,099	64,423,987	10,290,752
82,585,959	110,593,061	18,597,608
82,181,582	133,046,785	22,486,096
75,180,199	139,578,367	23,379,956
115,807,503	146,394,530	23,755,958
98,037,318	165,363,246	26,813,661

TOTALS

1,938,539,117	1,810,752,517	273,895,240
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OIL AND GAS OPERATIONS

ACQUIRED LANDS

COLOPADA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	86,233	246,820	29,837	--	--	--
1956	109,590	340,329	38,304	--	--	--
1957	66,562	213,872	23,440	161,762	36,680	1,601
1958	+6, +35	138,450	15,229	255,915	22,478	2,922
1959	35,477	94,695	10,180	105,105	9,086	1,054
1960	21,444	62,855	6,889	46,601	4,173	518
1961	15,570	42,934	4,667	9,153	630	34
1962	48,801	132,194	16,102	--	--	--
1963	150,309	413,867	51,237	24,247	1,147	134
1964	67,419	184,701	22,959	18,415	2,093	254
1965	48,905	133,951	16,417	89,021	11,566	814
1966	36,553	102,758	12,436	128,279	10,266	1,283
1967	39, +32	101,432	12,679	119,638	12,886	1,611
1968	34,513	105,242	13,159	51,877	5,905	738
1969	26, +74	78,449	9,806	211,165	23,792	2,974
1970	27,538	83,902	10,488	464,589	47,262	5,908
1971	17, 1+3	58,700	7,337	520,171	60,439	7,555
1972	24,87+	83,894	10,487	460,594	66,944	8,368
1973	35,136	44,621	5,578	310,088	42,480	5,310
1974	9,126	95,200	11,900	260,364	37,269	4,659
1975	9,091	61,945	7,743	242,548	50,100	6,263
1976	7,213	61,626	7,703	272,362	113,748	14,219
1977	10,705	92,823	7,324	297,080	86,094	575
1978	3,444	41,356	4,397	130,334	92,892	8,628
TOTALS	979,792	3,016,616	356,298	4,179,308	737,930	75,422

OIL AND GAS OPERATIONS

ACQUIRED LANDS

COLORADO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1955	--	--	--	86,233	246,820	29,837
1956	--	--	--	109,590	340,329	38,304
1957	1,717	110	5	230,041	250,662	25,046
1958	23,500	2,891	116	325,850	163,819	18,267
1959	34,862	3,929	164	175,444	107,710	11,398
1960	24,020	2,657	111	92,065	69,685	7,518
1961	--	--	--	24,823	43,564	4,701
1962	--	--	--	48,801	132,194	16,102
1963	607,159	25,508	1,064	782,215	440,522	52,435
1964	168,125	9,924	463	253,959	196,718	23,676
1965	224,241	11,671	290	362,167	157,188	17,521
1966	175,808	8,657	361	341,040	121,681	14,080
1967	91,507	4,374	182	250,627	118,692	14,472
1968	33,786	1,286	54	120,281	112,433	13,951
1969	41,223	1,759	74	278,862	104,000	12,854
1970	47,766	2,286	95	539,893	133,450	16,491
1971	101,633	5,704	242	639,597	124,843	15,134
1972	117,468	6,745	282	602,936	157,583	19,137
1973	92,706	7,716	322	437,980	94,817	11,210
1974	96,801	13,717	571	366,291	146,186	17,130
1975	64,765	8,266	345	316,404	120,311	14,351
1976	122,953	14,746	614	402,428	190,120	22,536
1977	109,457	9,698	404	417,242	188,615	8,303
1978	8,058	2,595	108	141,836	136,843	13,133
TOTALS	2,187,505	144,239	5,867	7,346,605	3,898,785	437,587

OIL AND GAS OPERATIONS

INDIAN LANDS

COLORADO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,007	6,015	752	--	--	--
1952	18,109	36,217	4,527	20,920,224	1,569,017	196,127
1953	10,407	24,682	3,085	9,152,880	686,730	85,841
1954	7,931	21,970	2,746	11,738,182	1,247,713	155,964
1955	6,392	17,706	2,213	8,565,942	920,681	115,085
1956	5,524	15,402	1,925	7,673,697	830,751	103,844
1957	5,577	16,739	2,092	12,820,148	1,464,980	183,125
1958	9,796	22,956	2,870	13,155,029	1,508,451	188,561
1959	76,822	212,753	26,594	12,506,865	1,559,423	195,051
1960	75,043	151,636	18,955	11,824,926	1,484,359	185,698
1961	51,503	121,852	15,232	14,331,366	1,739,776	217,869
1962	47,502	110,480	13,999	13,826,181	1,786,864	224,091
1963	41,831	94,975	11,994	15,866,992	2,049,717	257,260
1964	149,025	381,643	57,773	15,661,600	2,159,107	271,654
1965	450,230	1,238,826	201,158	17,773,195	2,430,791	305,473
1966	356,570	967,062	156,826	21,210,051	2,886,481	363,198
1967	207,113	551,517	80,056	70,149,191	9,350,937	1,176,631
1968	207,965	572,141	75,807	(33,129,279)	(4,258,892)	(529,498)
1969	124,062	365,183	49,072	16,266,474	2,328,981	293,313
1970	153,470	378,130	44,445	17,831,326	2,632,891	331,233
1971	165,755	277,512	38,248	16,598,677	2,461,673	309,738
1972	72,310	235,910	33,726	15,255,139	2,796,568	351,541
1973	89,200	278,958	40,603	17,300,839	3,887,770	488,942
1974	81,496	414,921	58,810	15,234,499	3,641,313	457,870
1975	63,425	369,361	51,684	14,829,471	3,539,956	447,710
1976	64,622	371,794	53,182	16,491,860	5,554,678	699,957
1977	75,424	462,460	65,847	16,703,422	10,150,748	1,275,525
1978	92,119	422,861	59,699	11,968,260	8,633,083	1,086,185
TOTALS	2,732,430	8,091,662	1,173,920	402,527,157	75,044,547	9,437,988

OIL AND GAS OPERATIONS

INDIAN LANDS

COLORADO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	--	--	--	243	5,839	365
1954	--	--	--	261	6,265	392
1955-66	--	--	--	--	--	--
1967	2,716,790	73,003	4,056	--	--	--
1968	1,094,189	30,735	1,502	--	--	--
1969	898,344	21,839	986	--	--	--
1970	456,754	10,059	443	--	--	--
1971	730,048	21,110	958	--	--	--
1972	360,119	10,718	489	--	--	--
1973	138,169	3,909	189	--	--	--
1974	171,950	7,024	344	--	--	--
1975	243,743	12,407	586	--	--	--
1976	115,962	5,749	263	--	--	--
1977	334,813	95,818	4,058	--	--	--
1978	546,980	82,615	3,523	--	--	--
TOTALS	7,810,751	374,986	17,397	504	12,104	757

OIL AND GAS OPERATIONS

INDIAN LANDS

COLORADO

CALENDAR YEAR	<----- G A S L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	3,007	6,015	752
1952	--	--	--	20,938,333	1,605,234	200,654
1953	--	--	--	9,163,530	717,251	89,291
1954	--	--	--	11,746,374	1,275,948	159,102
1955	--	--	--	8,572,334	938,387	117,298
1956	--	--	--	7,679,321	846,153	105,769
1957	--	--	--	12,825,825	1,481,719	185,217
1958	--	--	--	13,164,825	1,531,407	191,431
1959	--	--	--	12,583,687	1,772,176	221,645
1960	--	--	--	11,899,969	1,635,995	204,653
1961	--	--	--	14,382,869	1,861,628	233,101
1962	--	--	--	13,873,683	1,897,344	238,090
1963	--	--	--	15,908,823	2,144,692	269,254
1964	--	--	--	15,810,625	2,540,750	329,427
1965	--	--	--	18,233,425	3,669,617	506,631
1966	--	--	--	21,566,621	3,853,543	520,024
1967	--	--	--	73,073,094	9,975,457	1,260,743
1968	--	--	--	(31,827,125)	(3,656,016)	(452,189)
1969	--	--	--	17,288,880	2,716,003	343,371
1970	--	--	--	18,454,550	2,971,080	376,121
1971	--	--	--	17,494,480	2,760,295	348,944
1972	--	--	--	15,687,568	3,043,196	385,756
1973	--	--	--	17,528,208	4,170,637	529,734
1974	--	--	--	15,487,945	4,063,258	517,024
1975	--	--	--	15,136,639	3,921,724	499,980
1976	18,194	8,493	1,062	16,690,638	5,940,714	754,464
1977	--	--	--	17,113,659	10,709,026	1,345,430
1978	--	--	--	12,607,259	9,138,559	1,149,407
TOTALS	18,194	8,493	1,062	413,089,046	83,531,792	10,631,124

OIL AND GAS OPERATIONS

ALL LANDS

FLORIDA

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	Q U A N T I T Y B A R R E L S	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)	Q U A N T I T Y	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)
1976	1,820	20,804	2,601	1,820	20,804	2,601
1977	2,232	23,702	2,963	2,282	23,702	2,963
1978	5,759	69,378	8,673	5,759	69,378	8,673
TOTALS	9,861	113,884	14,237	9,861	113,884	14,237

OIL AND GAS OPERATIONS

ACQUIRED LANDS

FLORIDA

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1978	5,173	62,517	7,815	5,173	62,517	7,815
TOTALS	5,173	62,517	7,815	5,173	62,517	7,815

OIL AND GAS OPERATIONS

INDIAN LANDS

FLORIDA

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1976	1,820	20,804	2,601	1,820	20,804	2,601
1977	2,282	23,702	2,963	2,282	23,702	2,963
1978	586	6,861	858	586	6,861	858
TOTALS	4,688	51,367	6,422	4,688	51,367	6,422

OIL AND GAS OPERATIONS

ALL LANDS
ACQUIRED LANDS ONLY

ILLINOIS

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1977	483	6,529	1,088	483	6,529	1,088
1978	165	2,436	406	165	2,436	406
TOTALS	648	8,965	1,494	648	8,965	1,494

OIL AND GAS OPERATIONS

INDIANA

ALL LANDS
ACQUIRED LANDS ONLY

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,139	2,999	392	1,139	2,999	392
1952	--	--	--	--	--	--
1953	1,155	3,183	364	1,156	3,183	364
1954	659	1,799	216	659	1,799	216
1955	418	1,196	133	418	1,196	133
1956	310	963	100	310	963	100
1957	342	1,099	119	342	1,099	119
1958	287	726	94	287	726	94
1959	385	1,017	127	385	1,017	127
1960	221	590	69	221	590	69
1961	232	610	76	232	610	76
1962	246	642	81	246	642	81
1963	173	439	55	173	439	55
1964	111	266	33	111	266	33
1965-78	--	--	--	--	--	--
TOTALS	5,679	15,529	1,859	5,679	15,529	1,859

OIL AND GAS OPERATIONS

ALL LANDS

KANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIDP	2,253	5,119	725	27,679,650	2,243,944	255,231
1952	23,316	54,656	7,650	5,553,604	463,265	57,115
1953	37,034	91,053	12,440	6,571,548	623,889	68,058
1954	29,313	75,690	10,498	5,224,085	588,127	74,796
1955	62,510	157,788	21,021	5,829,342	657,306	83,351
1956	82,286	207,656	27,442	6,111,379	695,943	87,916
1957	125,295	348,200	42,275	7,069,947	854,772	100,721
1958	244,197	611,735	77,996	6,287,161	731,228	88,798
1959	546,054	1,343,114	182,635	11,425,225	1,390,827	148,128
1960	821,233	1,971,011	286,188	12,695,034	1,493,368	140,971
1961	831,775	2,054,847	291,414	10,614,455	1,255,369	132,807
1962	357,163	2,153,304	309,699	10,174,238	1,189,618	130,232
1963	806,693	2,126,446	295,897	11,630,920	1,314,442	143,011
1964	709,551	1,874,334	253,074	13,670,311	1,633,588	200,329
1965	712,912	1,883,236	259,778	11,114,742	1,297,124	162,990
1966	665,723	1,823,358	245,476	11,634,492	1,572,007	178,117
1967	655,355	1,853,408	245,831	12,718,024	1,932,598	219,271
1968	675,303	1,970,835	263,239	12,234,882	1,679,188	208,358
1969	718,192	2,210,376	298,352	16,875,674	2,030,387	259,679
1970	784,160	2,470,720	337,198	15,949,728	2,062,123	263,524
1971	754,145	2,545,319	351,112	13,474,974	1,813,444	232,023
1972	767,011	2,620,761	362,565	13,140,725	1,988,657	255,079
1973	599,403	2,800,942	387,378	13,925,188	2,138,279	286,849
1974	593,714	3,141,090	431,259	13,045,615	2,149,735	276,188
1975	510,598	2,809,025	381,112	13,820,873	2,996,829	404,666
1976	524,417	3,146,260	427,371	14,560,687	4,850,877	624,485
1977	388,909	2,420,739	327,348	13,093,108	5,217,245	643,470
1978	389,711	2,530,687	392,852	14,991,061	7,548,821	951,937
TOTALS	14,020,405	47,301,709	6,529,825	331,116,672	54,413,000	6,678,100

OIL AND GAS OPERATIONS

ALL LANDS

KANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	27,681,908	2,249,063	255,956
1952	--	--	--	5,577,420	517,921	64,765
1953	--	--	--	6,608,582	714,942	80,498
1954	--	--	--	5,253,903	663,817	85,294
1955	--	--	--	5,891,852	815,094	104,372
1956	--	--	--	6,193,665	903,599	115,358
1957	--	--	--	7,195,241	1,202,972	142,996
1958	--	--	--	6,531,358	1,342,963	166,794
1959	--	--	--	11,971,279	2,733,941	330,763
1960	--	--	--	13,516,317	3,464,379	427,159
1961	--	--	--	11,446,230	3,310,216	424,221
1962	--	--	--	11,031,401	3,342,922	439,931
1963	28,442	1,008	56	12,466,055	3,441,896	438,964
1964	7,702	297	17	14,387,574	3,508,219	453,420
1965	39,395	1,789	83	11,867,050	3,182,149	422,851
1966	2,100	118	--	12,302,315	3,395,483	423,593
1967	1,631	83	5	13,375,520	3,786,089	465,107
1968	3,270	151	7	12,913,955	3,650,174	471,604
1969	1,785	78	4	17,595,651	4,240,841	558,035
1970	11,818	994	102	16,745,706	4,533,837	600,824
1971	8,588	499	28	14,237,707	4,359,262	583,163
1972	--	--	--	13,907,736	4,609,418	617,644
1973	--	--	--	14,624,591	4,939,221	674,227
1974	--	--	--	13,639,329	5,290,825	707,447
1975	--	--	--	14,331,571	5,805,854	785,778
1976	--	--	--	15,085,104	7,997,137	1,051,856
1977	--	--	--	13,482,017	7,637,984	970,818
1978	--	--	--	15,380,772	10,079,508	1,344,789
TOTALS	104,732	5,017	302	345,241,809	101,719,726	13,208,227

OIL AND GAS OPERATIONS

PUBLIC LANDS

KANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,258	5,119	725	27,679,650	2,243,944	255,231
1952	23,316	54,656	7,650	5,553,604	463,265	57,059
1953	37,034	91,053	12,440	6,536,527	601,387	67,620
1954	29,818	75,690	10,498	5,141,666	561,136	73,534
1955	62,510	157,788	21,021	5,706,002	633,041	81,655
1956	82,285	207,656	27,442	5,880,030	647,180	84,902
1957	125,294	348,200	42,275	6,630,098	755,036	95,657
1958	244,197	611,735	77,996	5,853,136	673,324	84,166
1959	536,004	1,319,000	180,571	7,980,918	963,493	120,437
1960	818,319	1,963,775	285,729	6,546,882	767,965	95,996
1961	828,832	2,048,058	291,029	7,474,591	866,432	108,304
1962	843,136	2,119,905	307,598	7,575,101	867,261	108,408
1963	777,194	2,046,234	285,245	8,824,408	854,932	107,123
1964	645,074	1,702,102	223,230	10,669,572	1,272,273	159,783
1965	650,266	1,714,010	227,909	9,265,018	1,034,440	130,420
1966	597,754	1,632,665	209,104	9,421,739	1,273,232	133,656
1967	585,485	1,647,929	205,991	10,255,911	1,594,713	172,575
1968	594,193	1,727,262	215,908	9,882,026	1,262,875	158,388
1969	618,593	1,898,693	237,337	13,763,633	1,647,539	206,609
1970	661,204	2,078,545	259,818	12,937,277	1,643,329	205,499
1971	623,029	2,097,471	262,240	10,434,063	1,447,687	181,266
1972	629,550	2,146,654	268,442	10,537,739	1,579,922	197,944
1973	572,842	2,292,736	286,592	11,098,986	1,647,738	211,157
1974	496,328	2,604,767	325,596	10,618,575	1,723,317	217,390
1975	435,435	2,391,868	298,984	11,441,083	2,552,695	341,411
1976	433,903	2,588,777	323,925	12,155,468	4,129,910	523,328
1977	327,366	2,069,390	258,744	11,005,247	4,541,892	567,758
1978	326,719	2,091,840	307,786	13,126,097	6,749,564	843,699
TOTALS	12,509,743	41,733,578	5,461,825	273,995,047	44,999,522	5,590,975

OIL AND GAS OPERATIONS

PUBLIC LANDS

KANSAS

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	27,681,908	2,249,063	255,956
1952	5,577,420	517,921	64,709
1953	6,573,561	692,440	80,060
1954	5,171,484	636,826	84,032
1955	5,768,512	790,829	102,676
1956	5,962,316	854,836	112,344
1957	6,755,392	1,103,236	137,932
1958	6,097,333	1,285,059	162,162
1959	8,516,922	2,282,493	301,008
1960	7,365,201	2,731,740	381,725
1961	8,303,423	2,914,490	399,333
1962	8,418,287	2,987,166	416,006
1963	9,601,602	2,901,166	392,368
1964	11,314,646	2,974,375	383,013
1965	9,915,284	2,748,450	358,329
1966	10,019,493	2,905,897	342,760
1967	10,841,396	3,242,642	378,566
1968	10,476,219	2,990,137	374,296
1969	14,382,226	3,546,232	443,946
1970	13,598,481	3,721,874	465,317
1971	11,057,092	3,545,158	443,506
1972	11,167,289	3,726,576	466,386
1973	11,671,828	3,940,474	497,749
1974	11,115,403	4,328,084	542,986
1975	11,876,568	4,944,563	640,395
1976	12,589,376	6,718,687	847,253
1977	11,333,112	6,611,282	826,502
1978	13,453,016	8,841,404	1,151,485
TOTALS	286,604,790	86,733,100	11,052,800

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	--	--	--	--	--	56
1953	--	--	--	35,021	22,502	438
1954	--	--	--	82,419	26,991	1,262
1955	--	--	--	123,340	24,265	1,696
1956	--	--	--	231,349	48,763	3,014
1957	--	--	--	439,849	99,736	5,064
1958	--	--	--	434,025	57,904	4,632
1959	10,050	24,114	2,064	3,444,307	427,334	27,691
1960	2,954	7,236	459	6,148,152	725,403	44,975
1961	2,743	6,789	385	3,139,864	388,937	24,503
1962	13,977	33,399	2,101	2,599,137	322,357	21,824
1963	29,499	80,212	10,652	2,806,512	459,510	35,888
1964	64,487	172,232	29,844	3,000,739	361,315	40,546
1965	62,646	169,226	31,869	1,849,724	262,684	32,570
1966	67,969	190,693	36,372	2,212,753	298,775	44,461
1967	70,380	205,479	39,840	2,462,113	337,885	46,696
1968	81,610	243,573	47,331	2,352,856	416,313	49,970
1969	99,599	311,683	61,015	3,112,041	382,848	53,070
1970	122,955	392,175	77,380	3,012,451	418,794	58,025
1971	131,116	447,848	88,872	3,040,911	365,757	50,757
1972	137,461	474,107	94,123	2,602,986	408,735	57,135
1973	126,561	508,206	100,786	2,826,202	490,541	75,692
1974	96,886	536,323	105,663	2,427,040	426,418	58,798
1975	75,213	417,157	82,128	2,379,790	444,134	63,255
1976	90,509	557,483	103,446	2,405,219	720,967	101,157
1977	61,044	351,349	68,604	2,087,861	675,353	75,712
1978	62,792	438,847	85,066	1,864,964	799,257	108,238
TOTALS	1,410,662	5,568,131	1,068,000	57,121,625	9,413,478	1,087,125

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	--	--	--	--	--	56
1953	--	--	--	35,021	22,502	438
1954	--	--	--	82,419	26,991	1,262
1955	--	--	--	123,340	24,265	1,696
1956	--	--	--	231,349	48,763	3,014
1957	--	--	--	439,849	99,736	5,064
1958	--	--	--	434,025	57,904	4,632
1959	--	--	--	3,454,357	451,448	29,755
1960	--	--	--	6,151,116	732,639	45,434
1961	--	--	--	3,142,807	395,726	24,888
1962	--	--	--	2,613,114	355,756	23,925
1963	28,442	1,008	56	2,864,453	540,730	46,596
1964	7,702	297	17	3,072,928	533,844	70,407
1965	39,396	1,789	83	1,951,766	433,699	64,522
1966	2,100	118	--	2,282,822	489,586	80,833
1967	1,631	83	5	2,534,124	543,447	86,541
1968	3,270	151	7	2,437,736	660,037	97,308
1969	1,785	78	4	3,213,425	694,609	114,089
1970	11,813	994	102	3,147,225	811,963	135,507
1971	8,588	499	28	3,180,615	814,104	139,657
1972	--	--	--	2,740,447	882,842	151,258
1973	--	--	--	2,952,763	998,747	176,478
1974	--	--	--	2,523,926	962,741	164,461
1975	--	--	--	2,455,003	861,291	145,383
1976	--	--	--	2,495,728	1,278,450	204,603
1977	--	--	--	2,148,905	1,026,702	144,316
1978	--	--	--	1,927,756	1,238,104	193,304
TOTALS	104,732	5,017	302	58,637,019	14,986,626	2,155,427

OIL AND GAS OPERATIONS

ALL LANDS

KENTUCKY

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	5,142	13,847	1,562	--	--	--
1952	428	1,117	130	--	--	--
1953	91	250	29	--	--	--
1954	342	934	92	--	--	--
1955	230	658	64	--	--	--
1956	347	1,078	106	--	--	--
1957	27,431	85,956	12,796	--	--	--
1958	47,857	154,918	21,389	--	--	--
1959	39,550	118,961	17,503	--	--	--
1960	150,366	450,425	66,416	--	--	--
1961	395,475	1,188,017	178,727	--	--	--
1962	447,040	1,341,068	201,127	3,317	497	62
1963	343,771	1,016,087	152,370	--	--	--
1964	311,211	883,837	132,547	--	--	--
1965	249,579	707,841	106,153	3,344	502	63
1966	212,923	628,423	94,263	--	--	--
1967	168,775	502,315	75,349	14,273	1,923	240
1968	138,105	420,179	63,027	32,669	4,401	550
1969	124,196	395,169	59,275	8,062	1,086	136
1970	103,872	335,529	50,331	3,656	538	67
1971	69,293	238,162	35,724	3,602	485	61
1972	43,353	148,621	22,293	2,366	319	40
1973	30,917	115,662	17,356	1,286	173	22
1974	19,179	133,586	20,053	778	105	13
1975	12,023	96,837	14,526	25,478	5,666	708
1976	9,566	116,229	17,434	49,931	11,205	1,401
1977	8,941	127,221	19,083	46,725	9,509	1,189
1978	8,754	129,466	19,424	204,364	213,954	25,501
TOTALS	2,968,879	9,352,493	1,399,149	399,851	250,363	30,053

OIL AND GAS OPERATIONS

ALL LANDS

KENTUCKY

CALENDAR
YEAR

<- TOTAL ALL PRODUCTS ->

QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
5,142	13,847	1,562
428	1,117	130
91	250	29
342	934	92
230	658	64
347	1,078	106
27,431	85,956	12,796
47,857	154,918	21,389
39,650	118,961	17,503
150,366	450,425	66,416
395,475	1,188,017	178,727
450,357	1,341,565	201,189
343,771	1,016,087	152,370
311,211	883,837	132,547
252,923	708,343	106,216
212,928	628,423	94,263
183,049	504,238	75,589
170,775	424,580	63,577
132,258	396,255	59,411
107,528	336,067	50,398
72,895	238,647	35,785
45,719	148,940	22,333
32,203	115,835	17,378
19,957	133,791	20,066
37,506	102,503	15,234
59,497	127,434	18,835
55,666	136,730	20,272
213,128	343,420	44,925
3,368,730	9,602,856	1,429,202

TOTALS

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KENTUCKY

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY PARCELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	5,142	13,847	1,562	--	--	--
1952	423	1,117	130	--	--	--
1953	91	250	29	--	--	--
1954	342	934	92	--	--	--
1955	230	658	64	--	--	--
1956	347	1,078	106	--	--	--
1957	1,034	3,515	430	--	--	--
1958	4,315	14,961	1,795	--	--	--
1959	4,530	13,601	1,699	--	--	--
1960	15,823	45,755	5,719	--	--	--
1961	(7,529)	(21,002)	(2,625)	--	--	--
1962	450	1,297	161	3,317	497	62
1963	677	1,702	213	--	--	--
1964	521	1,239	155	--	--	--
1965	377	915	114	3,344	502	63
1966	--	--	--	--	--	--
1967	--	--	--	14,273	1,923	240
1968	--	--	--	32,669	4,401	550
1969	--	--	--	8,062	1,086	136
1970	--	--	--	3,656	538	67
1971	--	--	--	3,602	485	61
1972	--	--	--	2,366	319	40
1973	--	--	--	1,286	173	22
1974	--	--	--	778	105	13
1975	--	--	--	25,478	5,666	708
1976	--	--	--	49,931	11,205	1,401
1977	--	--	--	46,725	9,509	1,189
1978	--	--	--	204,364	213,954	25,501
TOTALS	26,838	79,867	9,644	399,851	250,363	30,053

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KENTUCKY

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	5,142	13,847	1,562
1952	428	1,117	130
1953	91	250	29
1954	342	934	92
1955	230	658	64
1956	347	1,078	106
1957	1,094	3,515	430
1958	4,315	14,961	1,795
1959	4,530	13,601	1,699
1960	15,823	45,755	5,719
1961	(7,529)	(21,002)	(2,625)
1962	3,767	1,794	223
1963	677	1,702	213
1964	521	1,239	155
1965	3,721	1,417	177
1966	--	--	--
1967	14,273	1,923	240
1968	32,669	4,401	550
1969	8,062	1,086	136
1970	3,656	538	67
1971	3,602	485	61
1972	2,366	319	40
1973	1,286	173	22
1974	778	105	13
1975	25,478	5,666	708
1976	49,931	11,205	1,401
1977	46,725	9,509	1,189
1978	204,364	213,954	25,501
TOTALS	426,689	330,230	39,697

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

KENTUCKY

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1957	26,337	82,441	12,366	26,337	82,441	12,366
1958	43,542	139,957	19,594	43,542	139,957	19,594
1959	35,120	105,360	15,804	35,120	105,360	15,804
1960	134,543	404,670	60,697	134,543	404,670	60,697
1961	403,004	1,209,019	181,352	403,004	1,209,019	181,352
1962	446,590	1,339,771	200,966	446,590	1,339,771	200,966
1963	343,094	1,014,385	152,157	343,094	1,014,385	152,157
1964	310,690	882,598	132,392	310,690	882,598	132,392
1965	249,202	706,926	106,039	249,202	706,926	106,039
1966	212,928	628,423	94,263	212,928	628,423	94,263
1967	168,776	502,315	75,349	168,776	502,315	75,349
1968	138,106	420,179	63,027	138,106	420,179	63,027
1969	124,196	395,169	59,275	124,196	395,169	59,275
1970	103,872	335,529	50,331	103,872	335,529	50,331
1971	69,293	238,162	35,724	69,293	238,162	35,724
1972	43,353	148,621	22,293	43,353	148,621	22,293
1973	30,917	115,662	17,356	30,917	115,662	17,356
1974	19,179	133,686	20,053	19,179	133,686	20,053
1975	12,028	96,837	14,526	12,028	96,837	14,526
1976	9,566	116,229	17,434	9,566	116,229	17,434
1977	8,941	127,221	19,083	8,941	127,221	19,083
1978	8,764	129,466	19,424	8,764	129,466	19,424
TOTALS	2,942,041	9,272,626	1,389,505	2,942,041	9,272,626	1,389,505

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<----- O I L ----->			<----- C O N D E N S A T E ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	7,375,611	16,901,298	2,033,279	--	--	--
1952	4,703,305	12,254,540	1,510,571	--	--	--
1953	5,411,446	15,048,326	2,103,364	210,063	719,664	135,453
1954	5,390,349	15,384,617	2,646,264	619,057	1,947,804	361,496
1955	12,527,092	36,103,420	5,631,527	833,631	2,624,334	483,418
1956	15,211,558	45,100,497	7,819,335	878,177	2,738,187	505,938
1957	20,782,397	68,278,080	11,934,404	697,116	2,397,306	432,270
1958	28,292,348	92,218,519	16,344,453	1,059,929	3,470,484	627,780
1959	39,076,872	123,827,352	22,307,017	1,519,992	4,871,845	889,736
1960	52,575,244	155,846,735	29,953,500	2,306,845	7,320,399	1,328,526
1961	66,593,326	208,785,100	37,633,509	3,064,308	9,527,903	1,788,043
1962	91,377,368	284,087,463	51,668,108	4,804,673	14,874,907	2,799,353
1963	105,020,597	334,482,487	58,702,403	6,247,942	19,168,310	3,618,838
1964	121,110,346	371,801,655	67,147,266	7,522,873	22,941,499	4,286,902
1965	142,706,122	437,034,773	77,901,567	8,732,553	26,664,321	4,988,612
1966	180,831,578	555,598,344	97,955,580	13,526,680	41,750,232	7,679,495
1967	212,626,703	655,305,755	114,936,344	14,297,694	42,884,947	7,743,531
1968	252,111,714	781,481,864	137,579,614	15,601,560	50,711,986	9,046,984
1969	290,422,515	946,542,006	164,457,928	16,184,974	56,381,108	9,863,476
1970	317,352,057	1,057,429,928	182,754,825	22,376,342	77,309,209	13,291,113
1971	364,388,263	1,299,368,759	221,321,883	27,394,271	99,350,253	16,835,804
1972	360,199,932	1,276,091,560	216,859,670	32,560,709	119,704,749	20,060,994
1973	345,769,209	1,431,991,115	239,171,768	32,919,245	136,308,235	22,505,037
1974	318,603,958	2,136,774,425	350,400,400	27,310,698	194,647,283	31,596,951
1975	290,300,476	2,157,995,889	354,268,029	26,076,764	213,350,928	34,774,428
1976	232,752,125	2,282,044,032	370,186,974	22,148,221	194,022,687	31,475,662
1977	266,994,372	2,390,800,648	392,187,704	26,248,834	242,253,426	39,581,711
1978	259,507,452	2,564,291,535	418,110,911	20,676,334	212,781,919	34,739,603
TOTALS	4,460,627,249	21,752,870,722	3,655,528,197	335,819,485	1,800,723,925	301,441,154

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	< OIL AND CONDENSATE >			<----- GAS ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	7,875,510	16,901,298	2,033,279	33,772,653	2,693,049	151,228
1952	4,703,305	12,254,540	1,510,571	15,499,453	1,951,440	394,406
1953	5,621,509	15,767,990	2,238,817	32,230,807	2,917,967	490,442
1954	6,009,305	17,332,421	3,007,760	86,568,914	8,744,523	1,401,322
1955	13,360,723	38,727,754	6,114,945	122,041,567	12,411,221	1,988,065
1956	16,089,735	47,838,684	8,325,273	133,766,608	13,772,617	2,084,288
1957	21,579,513	70,675,386	12,366,674	134,945,503	14,769,155	2,002,641
1958	29,352,277	95,689,003	16,972,233	176,486,674	21,700,853	3,095,150
1959	40,596,857	128,699,197	23,196,753	255,815,429	44,421,182	6,367,871
1960	54,983,039	163,167,134	31,282,026	318,703,655	59,503,943	8,626,454
1961	69,657,537	218,313,003	39,421,552	367,053,583	71,843,120	10,474,336
1962	96,182,541	298,962,370	57,467,461	548,453,001	107,453,950	16,610,643
1963	111,268,539	353,650,797	62,321,241	661,365,663	122,036,113	18,970,013
1964	128,633,219	394,743,154	71,434,168	705,636,496	131,611,154	20,296,438
1965	151,438,975	463,699,094	82,890,179	719,193,887	138,698,588	21,122,084
1966	194,358,258	597,348,576	105,635,075	1,035,371,938	193,712,663	29,689,352
1967	226,927,397	698,190,702	122,679,875	1,140,430,149	219,651,895	30,498,441
1968	267,713,274	832,193,850	146,626,598	1,464,032,502	281,355,983	46,545,513
1969	306,607,787	1,002,923,114	174,321,404	1,872,262,850	352,569,693	54,898,777
1970	339,728,359	1,134,739,137	196,045,938	2,324,699,979	423,221,961	66,586,443
1971	391,782,539	1,398,719,012	238,157,687	2,682,067,955	534,639,899	84,501,924
1972	392,760,641	1,395,796,309	236,920,664	2,935,604,455	647,092,855	102,621,378
1973	378,688,457	1,568,299,350	261,676,805	3,104,525,716	717,658,475	114,630,884
1974	345,914,556	2,331,421,708	381,997,351	3,394,707,851	856,614,637	137,732,540
1975	316,377,240	2,371,345,817	389,042,457	3,375,194,286	1,181,395,185	190,878,876
1976	304,910,376	2,476,066,719	401,662,636	3,539,854,334	1,638,948,456	265,214,429
1977	293,243,306	2,633,054,074	431,769,415	3,682,242,850	2,727,262,310	442,173,180
1978	280,183,796	2,777,073,454	452,850,514	4,178,514,211	3,862,618,962	626,731,047
TOTALS	7,796,545,737	22,553,594,647	3,956,969,351	39,041,042,969	14,391,271,849	2,306,778,165

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	9,397,727	540,839	25,109	--	--	--
1952	317,831	19,905	897	--	--	--
1953	632,593	45,018	2,219	--	--	--
1954	335,788	22,950	1,038	--	--	--
1955	631,398	41,912	1,451	--	--	--
1956	324,193	21,948	974	--	--	--
1957	839,876	57,009	3,944	--	--	--
1958	1,127,103	60,422	4,553	--	--	--
1959	663,083	36,508	2,373	--	--	--
1960	508,376	28,374	1,901	98,025	1,762,866	285,784
1961	7,752,255	317,114	48,750	401,521	7,252,931	1,170,733
1962	67,281,291	2,796,010	530,443	285,975	5,507,050	835,816
1963	79,221,426	3,544,151	734,474	552,573	11,069,637	1,617,471
1964	73,264,023	3,504,277	721,177	634,875	12,748,602	1,858,535
1965	63,111,218	2,861,143	533,024	1,090,950	23,387,005	3,197,532
1966	54,045,808	2,855,452	513,992	1,400,848	32,621,551	4,128,691
1967	38,979,844	2,309,391	409,766	1,409,276	37,291,107	4,167,804
1968	36,356,092	1,853,639	307,100	1,553,621	53,277,667	4,628,512
1969	254,229,435	11,724,031	959,397	1,232,939	49,129,573	3,684,432
1970	1,058,904,867	50,392,160	3,815,084	1,099,584	24,636,736	3,235,874
1971	1,488,990,617	78,274,920	5,882,771	1,178,400	23,718,311	3,452,117
1972	1,679,319,275	87,087,256	6,468,253	1,176,833	22,286,906	3,438,515
1973	1,583,824,153	103,629,678	7,774,457	1,235,358	23,748,632	3,610,757
1974	1,986,192,507	252,044,849	19,786,802	1,303,750	34,820,443	3,852,700
1975	1,969,701,153	215,592,446	16,518,190	1,248,134	69,737,571	3,737,784
1976	1,918,376,622	245,135,178	19,582,088	(554,271)	(36,777,151)	(1,651,794)
1977	2,045,429,205	313,109,663	27,579,304	--	--	--
1978	730,326,655	87,823,677	8,096,904	(5,090)	(27,891)	(4,648)
TOTALS	15,130,505,542	1,465,779,940	120,306,435	15,343,301	396,191,546	45,246,615

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<----- S A L T ----->			<----- O I L L O S T ----->		
	QUANTITY T H S	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	59,794	10,764	1,792	--	--	--
1961	528,531	95,142	15,857	--	--	--
1962	176,924	31,848	5,308	--	--	--
1963	262,951	47,334	7,889	--	--	--
1964	212,978	38,334	6,389	--	--	--
1965	290,804	52,334	8,724	--	--	--
1966	297,475	53,544	8,924	--	--	--
1967	274,422	49,396	7,422	--	--	--
1968	540,551	97,317	17,030	--	--	--
1969	343,060	61,751	10,292	--	--	--
1970	269,691	48,544	8,091	--	--	--
1971	370,406	65,673	11,112	--	--	--
1972	358,782	64,581	10,764	--	--	--
1973	381,247	68,624	11,437	--	--	--
1974	346,411	62,354	10,392	2,772	15,717	2,708
1975	151,032	(54,212)	(8,469)	2,660	26,404	4,365
1976	(113,590)	(20,446)	(3,408)	1,366	13,893	2,304
1977	--	--	--	48,260	266,902	44,470
1978	--	--	--	24,356	284,491	47,146
TOTALS	4,751,619	773,882	129,546	79,414	607,407	100,993

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	51,645,990	20,135,186	2,209,616
1952	--	--	--	20,520,589	14,225,885	1,905,974
1953	--	--	--	38,485,014	18,730,975	2,731,478
1954	--	--	--	92,914,608	26,099,894	4,410,120
1955	--	--	--	136,034,188	51,180,887	8,104,461
1956	--	--	--	150,180,541	61,633,249	10,410,535
1957	--	--	--	157,264,892	85,501,550	14,373,259
1958	--	--	--	206,966,054	117,450,278	20,071,936
1959	--	--	--	297,075,376	173,156,887	29,566,997
1960	--	--	--	374,353,439	224,473,081	40,197,957
1961	--	--	--	445,403,585	297,821,310	51,131,228
1962	--	--	--	712,379,732	414,751,228	72,449,671
1963	--	--	--	852,671,152	490,348,032	83,651,088
1964	--	--	--	908,381,593	542,645,521	94,316,707
1965	--	--	--	935,125,834	628,698,164	107,751,543
1966	--	--	--	1,285,474,327	826,591,786	139,976,034
1967	--	--	--	1,408,018,088	957,492,491	157,763,308
1968	--	--	--	1,770,195,140	1,168,778,456	198,124,753
1969	--	--	--	2,434,675,773	1,416,408,182	233,874,302
1970	--	--	--	3,724,702,520	1,633,038,538	269,691,430
1971	--	--	--	4,564,389,917	2,035,418,815	332,005,611
1972	--	--	--	5,009,219,986	2,152,327,907	349,459,574
1973	--	--	--	5,068,654,933	2,413,404,759	387,704,340
1974	14,524,380	3,923,340	601,155	5,742,902,327	3,478,903,048	543,983,648
1975	14,038,255	4,637,754	709,115	5,676,742,770	3,842,681,965	600,882,318
1976	15,463,476	6,514,119	1,028,111	5,777,938,283	4,329,930,768	685,834,366
1977	15,054,942	9,075,596	1,444,045	6,036,019,063	5,682,768,545	903,010,414
1978	31,395,187	20,704,400	3,282,110	5,220,439,115	6,748,477,093	1,091,003,073
TOTALS	90,506,250	44,855,209	7,064,536	59,098,775,829	39,853,074,480	6,436,595,641

OIL AND GAS OPERATIONS

PUBLIC LANDS

LOUISIANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,989,455	6,620,855	838,964	32,793,219	2,292,698	141,611
1952	159,185	365,317	53,378	823,214	68,670	5,777
1953	202,254	496,732	71,367	755,552	69,514	4,900
1954	153,003	388,385	56,927	2,142,891	233,864	27,531
1955	880,218	2,221,856	161,551	4,198,793	465,827	57,799
1956	542,673	1,369,481	172,796	4,249,512	467,718	60,814
1957	741,077	2,059,497	241,290	4,499,361	512,387	66,532
1958	515,681	1,667,627	208,453	4,486,416	650,244	65,284
1959	1,052,162	3,549,358	443,670	1,725,716	561,303	166,819
1960	1,482,368	4,773,406	596,676	4,403,534	861,442	107,680
1961	1,441,703	4,710,080	588,760	4,920,814	948,952	118,619
1962	1,460,182	4,721,215	590,152	7,559,141	1,559,789	195,441
1963	1,508,559	5,165,281	645,660	12,924,670	2,697,452	337,721
1964	1,325,314	4,174,986	529,105	10,093,420	1,939,811	248,684
1965	1,437,728	4,499,742	571,390	11,855,989	2,276,286	284,155
1966	1,614,941	5,071,618	632,417	14,249,329	2,600,813	329,441
1967	1,736,617	5,514,552	694,258	13,016,851	2,662,422	340,474
1968	(177,025)	(2,464,069)	(380,369)	12,218,641	2,307,923	269,861
1969	1,485,537	4,967,484	554,022	12,652,868	2,513,656	311,250
1970	1,446,502	4,910,989	606,704	10,841,897	1,983,321	248,432
1971	1,327,217	4,805,818	603,700	7,480,815	1,576,819	198,394
1972	1,073,058	3,879,736	482,619	6,446,868	1,357,743	170,622
1973	866,500	3,463,115	430,634	3,905,045	878,031	114,712
1974	695,447	3,940,549	489,631	3,757,564	978,428	123,156
1975	538,024	3,078,451	383,060	2,707,313	794,716	103,769
1976	477,105	2,890,851	359,452	2,474,754	1,227,690	160,422
1977	429,435	2,774,251	345,635	2,406,986	1,287,749	163,624
1978	392,207	2,741,465	341,646	1,785,737	630,157	78,200
TOTALS	28,327,483	92,358,628	11,313,548	201,376,910	36,405,425	4,501,724

OIL AND GAS OPERATIONS

PUBLIC LANDS

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	9,997,727	540,839	25,109	--	--	--
1952	317,831	19,905	897	--	--	--
1953	532,693	45,018	2,219	--	--	--
1954	335,783	22,950	1,038	--	--	--
1955	631,398	41,912	1,451	--	--	--
1956	324,193	21,948	974	--	--	--
1957	839,376	57,009	3,944	--	--	--
1958	1,127,103	60,422	4,553	--	--	--
1959	1,63,083	36,508	2,373	--	--	--
1960	508,376	28,374	1,901	--	--	--
1961	447,103	21,662	1,246	--	--	--
1962	544,755	22,135	1,213	--	--	--
1963	666,040	34,093	1,844	--	--	--
1964	451,132	20,989	1,326	--	--	--
1965	1,455,829	57,354	5,864	--	--	--
1966	1,547,745	77,514	8,192	--	--	--
1967	1,999,920	111,403	12,598	--	--	--
1968	3,084,297	136,029	16,188	--	--	--
1969	4,086,733	173,094	18,373	--	--	--
1970	6,279,041	283,151	25,081	--	--	--
1971	6,413,489	329,757	27,353	--	--	--
1972	5,232,595	257,080	22,811	--	--	--
1973	3,754,839	196,973	19,548	--	--	--
1974	4,378,170	327,153	27,211	882	238	30
1975	3,348,400	288,332	29,232	8,797	2,374	297
1976	2,921,251	310,092	30,699	6,547	3,563	445
1977	1,917,824	416,912	49,334	14,339	10,274	15,993
1978	405,700	469,634	58,718	182,903	769,873	96,107
TOTALS	64,314,041	4,408,242	401,290	213,468	786,322	112,872

OIL AND GAS OPERATIONS

PUBLIC LANDS

LOUISIANA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD:	46,780,402	9,454,392	1,005,684
1952	1,300,230	453,892	60,052
1953	1,590,504	611,264	78,486
1954	2,631,682	645,199	85,496
1955	5,710,909	2,729,595	220,801
1956	5,116,383	1,859,147	234,584
1957	6,080,314	2,628,893	311,766
1958	6,129,200	2,378,293	278,290
1959	3,440,961	4,147,169	612,862
1960	6,394,978	5,663,222	706,257
1961	6,809,620	5,680,694	708,625
1962	9,564,078	6,303,139	786,806
1963	15,199,369	7,896,826	985,225
1964	11,869,866	6,135,786	779,115
1965	14,749,546	6,833,382	861,409
1966	17,412,015	7,749,945	970,050
1967	16,753,388	8,288,377	1,047,330
1968	14,555,912	(20,117)	(94,320)
1969	18,225,138	7,654,234	883,645
1970	18,567,440	7,177,461	880,217
1971	15,221,521	6,712,394	829,447
1972	12,752,631	5,494,559	676,052
1973	8,526,384	4,538,119	564,894
1974	8,832,063	5,246,368	640,028
1975	6,602,534	4,163,873	516,358
1976	5,879,658	4,432,196	551,018
1977	4,768,634	4,489,186	574,586
1978	2,766,547	4,611,129	574,671
TOTALS	294,231,907	133,958,617	16,329,434

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	<----- O I L ----->			<----- C O N D E N S A T E ----->		
	Q U A N T I T Y B A R R E L S	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)	Q U A N T I T Y B A R R E L S	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)
1953	940,534	2,770,866	584,088	210,063	719,664	135,453
1954	2,723,173	8,028,326	1,681,702	619,057	1,947,804	361,496
1955	5,869,397	17,312,409	3,538,967	833,631	2,624,334	483,418
1956	10,123,071	29,724,365	6,013,072	878,177	2,738,187	505,938
1957	15,367,279	51,146,960	9,790,301	697,116	2,397,306	432,270
1958	23,709,108	77,266,710	14,482,598	1,059,929	3,470,484	627,780
1959	34,177,272	108,196,671	20,331,582	1,519,992	4,871,845	889,736
1960	47,359,046	139,113,688	27,843,078	2,306,845	7,320,399	1,328,526
1961	61,265,770	192,144,960	35,462,210	3,064,308	9,527,903	1,788,043
1962	84,928,426	264,041,875	48,705,620	4,804,673	14,874,907	2,799,353
1963	98,278,494	313,637,681	55,591,619	6,247,942	19,168,310	3,618,838
1964	114,972,300	352,663,296	64,358,443	7,522,873	22,941,499	4,286,902
1965	136,232,315	417,131,468	75,417,896	8,732,553	26,664,321	4,988,612
1966	174,304,792	535,253,645	95,584,085	13,526,680	41,750,232	7,679,495
1967	204,698,134	630,364,403	112,166,314	14,297,694	42,884,947	7,743,531
1968	248,223,799	769,355,722	136,455,284	15,601,560	50,711,986	9,046,984
1969	283,974,313	925,153,657	162,162,256	16,184,974	56,381,108	9,863,476
1970	311,035,150	1,036,032,944	180,410,505	22,376,342	77,309,209	13,291,113
1971	358,366,080	1,277,637,359	218,947,766	27,394,271	99,350,253	16,835,804
1972	355,029,953	1,257,524,468	214,844,499	32,560,709	119,704,749	20,060,994
1973	341,277,611	1,413,819,684	237,227,064	32,919,245	136,308,235	22,505,037
1974	315,124,798	2,116,320,829	348,152,189	27,310,698	194,647,283	31,596,951
1975	287,515,795	2,142,058,833	352,531,404	26,076,764	213,350,928	34,774,428
1976	279,738,781	2,263,338,628	368,173,908	22,148,221	194,022,687	31,475,662
1977	264,522,771	2,374,005,873	390,343,437	26,248,834	242,253,426	39,581,711
1978	257,395,201	2,548,509,418	416,325,361	20,676,334	212,781,919	34,739,603
TOTALS	4,317,153,963	21,262,554,738	3,597,125,248	335,819,485	1,800,723,925	301,441,154

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	< OIL AND CONDENSATE >			<----- GAS ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	1,150,697	3,490,530	719,541	19,881,055	1,546,331	248,351
1954	3,342,230	9,976,130	2,043,198	56,325,083	4,393,968	705,779
1955	6,703,528	19,936,743	4,022,385	81,279,042	7,118,031	1,116,642
1956	11,001,243	32,462,552	6,519,010	82,892,538	6,995,060	1,103,698
1957	16,064,355	53,544,266	10,222,571	82,568,807	7,507,953	1,165,294
1958	24,769,037	80,737,194	15,110,378	127,692,848	15,733,942	2,313,500
1959	35,097,264	113,068,516	21,221,318	207,156,296	37,403,164	5,318,518
1960	49,665,391	146,434,087	29,171,604	273,034,451	52,761,614	7,636,074
1961	64,330,078	201,672,863	37,250,253	318,280,095	64,615,520	9,483,489
1962	89,733,099	278,916,782	51,504,973	451,952,659	92,209,196	13,748,400
1963	104,526,436	332,805,991	59,210,457	564,352,606	106,783,758	16,136,781
1964	122,495,173	375,604,795	68,645,345	621,731,438	118,377,080	17,887,512
1965	144,964,853	443,795,789	80,406,508	645,589,469	126,977,562	19,248,110
1966	187,831,472	577,003,877	103,263,580	965,387,849	182,465,908	27,989,727
1967	218,995,828	673,249,350	119,909,845	1,087,262,804	210,606,727	29,186,187
1968	263,825,359	820,067,708	145,502,268	1,413,467,606	272,969,079	45,405,714
1969	300,159,292	981,534,765	172,025,732	1,822,544,142	344,015,027	53,764,395
1970	333,411,492	1,113,342,153	193,701,618	2,273,147,040	414,018,458	65,425,568
1971	385,760,351	1,376,987,612	235,783,570	2,634,014,031	525,451,277	83,373,079
1972	387,590,502	1,377,229,217	234,905,493	2,881,364,733	636,164,978	101,311,962
1973	374,196,855	1,550,127,919	259,732,101	3,055,628,236	707,142,624	113,289,175
1974	342,435,426	2,310,968,112	379,749,140	3,349,170,864	844,519,248	136,123,741
1975	313,592,359	2,355,409,761	387,305,832	3,332,169,057	1,169,897,666	189,234,935
1976	301,887,002	2,457,361,315	399,649,570	3,499,865,900	1,622,680,649	263,063,050
1977	290,771,605	2,616,259,299	429,925,148	3,647,513,674	2,712,635,503	440,362,490
1978	278,071,535	2,761,291,337	451,064,964	4,149,731,136	3,847,319,737	624,603,700
TOTALS	4,652,973,453	23,063,278,663	3,898,566,402	37,644,003,459	14,132,310,060	2,269,245,871

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	--	--	--	98,025	1,762,866	285,784
1961	--	--	--	401,521	7,252,931	1,170,733
1962	--	--	--	285,975	5,507,050	835,816
1963	--	--	--	552,573	11,069,637	1,617,471
1964	--	--	--	634,875	12,748,602	1,858,535
1965	--	--	--	1,090,950	23,387,005	3,197,532
1966	--	--	--	1,400,848	32,621,551	4,128,691
1967	--	--	--	1,409,276	37,291,107	4,167,804
1968	--	--	--	1,553,621	53,277,667	4,628,512
1969	222,430,316	9,777,811	714,111	1,232,939	49,129,573	3,684,432
1970	1,027,998,797	49,247,030	3,582,647	1,099,584	24,636,736	3,235,874
1971	1,462,879,363	76,751,551	5,659,170	1,178,400	23,718,311	3,452,117
1972	1,654,668,547	85,637,383	6,258,847	1,176,833	22,286,906	3,438,515
1973	1,557,169,529	101,743,599	7,487,901	1,235,358	23,748,632	3,610,757
1974	1,959,936,667	249,229,701	19,359,315	1,303,750	34,820,443	3,852,700
1975	1,948,285,033	212,943,717	16,106,833	1,248,134	69,737,571	3,737,784
1976	1,898,731,739	242,560,913	19,180,382	(554,271)	(36,777,151)	(1,651,794)
1977	2,033,685,880	311,000,372	27,256,703	--	--	--
1978	714,086,001	84,905,640	7,638,224	(5,090)	(27,891)	(4,648)
TOTALS	14,479,871,922	1,423,797,727	113,244,133	15,343,301	396,191,546	45,246,615

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	S A L T			O I L L O S T		
	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1960	59,794	10,764	1,792	--	--	--
1961	328,531	95,142	15,857	--	--	--
1962	176,924	31,848	5,308	--	--	--
1963	262,951	47,334	7,889	--	--	--
1964	212,378	38,334	6,389	--	--	--
1965	290,304	52,334	8,724	--	--	--
1966	297,475	53,544	8,924	--	--	--
1967	274,422	49,396	7,422	--	--	--
1968	540,651	97,317	17,030	--	--	--
1969	343,050	61,751	10,292	--	--	--
1970	269,691	48,544	8,091	--	--	--
1971	370,406	66,673	11,112	--	--	--
1972	358,782	64,581	10,764	--	--	--
1973	381,247	68,624	11,437	--	--	--
1974	346,411	62,354	10,392	2,772	15,717	2,708
1975	151,032	(54,212)	(8,469)	2,660	26,404	4,365
1976	(113,590)	(20,446)	(3,408)	1,366	13,893	2,304
1977	--	--	--	48,260	266,902	44,470
1978	--	--	--	24,356	284,491	47,146
TOTALS	4,751,619	773,882	129,546	79,414	607,407	100,993

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	--	--	--	21,031,752	5,036,861	967,892
1954	--	--	--	59,667,313	14,370,098	2,748,977
1955	--	--	--	87,982,570	27,054,774	5,139,027
1956	--	--	--	93,893,786	39,457,612	7,622,708
1957	--	--	--	98,633,202	61,052,219	11,387,865
1958	--	--	--	152,461,885	96,471,136	17,423,878
1959	--	--	--	242,853,560	150,471,680	26,539,836
1960	--	--	--	322,858,161	200,969,331	37,095,254
1961	--	--	--	383,540,275	273,636,456	47,920,332
1962	--	--	--	542,148,657	376,664,876	66,094,497
1963	--	--	--	669,694,566	450,706,720	76,972,598
1964	--	--	--	745,074,464	506,768,811	88,397,781
1965	--	--	--	791,936,091	594,212,690	102,860,874
1966	--	--	--	1,154,917,644	792,144,880	135,390,922
1967	--	--	--	1,307,942,330	921,196,580	153,271,258
1968	--	--	--	1,679,387,237	1,146,411,771	195,553,524
1969	--	--	--	2,346,709,749	1,384,518,927	230,198,962
1970	--	--	--	3,635,926,604	1,601,292,921	265,953,798
1971	--	--	--	4,484,202,551	2,002,975,434	328,279,048
1972	--	--	--	4,925,159,557	2,121,383,065	345,925,581
1973	--	--	--	4,988,611,226	2,382,831,398	384,131,371
1974	14,523,498	3,923,102	601,125	5,667,719,458	3,443,538,677	539,699,121
1975	14,008,177	4,621,538	707,432	5,609,456,652	3,812,582,445	597,088,712
1976	15,456,919	6,510,553	1,027,665	5,715,275,115	4,292,329,726	681,267,769
1977	15,040,603	9,065,322	1,428,052	5,987,060,022	5,649,227,398	899,016,863
1978	30,774,805	19,787,047	3,163,390	5,172,682,744	6,713,560,361	1,086,512,776
TOTALS	89,804,003	43,907,562	6,927,664	56,886,827,171	39,060,866,847	6,333,461,224

OIL AND GAS OPERATIONS

ACQUIRED LANDS

LOUISIANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	3,780,317	10,000,112	1,159,273	742,305	373,081	2,800
1953	3,988,886	10,411,795	1,261,909	393,583	247,791	1,951
1954	3,750,199	10,326,038	1,257,043	439,789	282,576	3,396
1955	1,930,172	5,268,632	684,656	4,621,467	1,513,475	67,873
1956	5,095,141	14,583,547	1,669,451	9,103,686	1,791,023	131,737
1957	3,787,326	11,762,984	1,337,872	9,528,254	2,008,337	138,741
1958	3,608,341	11,594,069	1,443,918	10,315,653	2,339,074	150,859
1959	3,093,262	10,319,206	1,238,305	11,245,945	1,398,380	167,806
1960	2,839,298	9,007,121	1,109,677	8,081,514	1,480,810	183,917
1961	2,779,468	8,728,760	1,070,146	6,164,809	1,329,955	169,569
1962	2,821,539	8,665,432	1,064,115	6,796,039	1,508,417	189,608
1963	3,050,783	9,512,933	1,164,138	6,348,449	1,425,497	176,904
1964	3,123,301	9,680,369	1,184,904	8,060,534	1,763,187	218,459
1965	3,110,638	9,973,724	1,217,219	9,706,388	2,230,556	277,089
1966	3,674,870	11,431,159	1,235,111	10,493,850	2,296,884	246,504
1967	3,953,325	12,177,052	1,224,417	12,311,794	2,649,891	266,241
1968	5,431,257	17,180,496	1,707,222	10,406,371	2,248,868	225,208
1969	3,943,854	12,498,656	1,166,138	10,006,044	2,137,299	200,253
1970	4,388,739	14,594,393	1,448,097	12,587,001	2,693,801	269,330
1971	4,331,290	14,906,392	1,482,961	19,901,425	4,289,065	428,946
1972	4,299,245	15,555,239	1,549,989	22,008,125	4,900,673	489,078
1973	3,760,271	13,521,147	1,346,351	27,076,572	6,151,489	613,700
1974	3,348,059	13,667,427	1,348,352	20,516,164	4,877,298	486,848
1975	2,524,100	14,684,456	1,437,280	17,571,635	4,833,549	482,575
1976	2,018,364	11,436,118	1,133,132	20,928,779	6,090,268	614,117
1977	2,320,027	14,291,838	1,414,051	20,032,058	7,703,843	784,469
1978	1,845,440	12,324,997	1,226,093	21,858,949	8,777,715	902,252
	1,454,411	10,717,551	1,069,755	10,503,051	6,198,304	639,289
TOTALS	44,003,033	328,621,643	35,651,575	327,750,233	85,541,106	8,529,519

OIL AND GAS OPERATIONS

ACQUIRED LANDS

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	233,150	1,201	159	--	--	--
1962	96,432	3,887	162	--	--	--
1963	40,786	1,613	67	--	--	--
1964	40,046	1,522	53	--	--	--
1965	3,602	151	6	--	--	--
1966-68	--	--	--	--	--	--
1969	101,712	539,199	22,768	--	--	--
1970	18,336	(527,360)	(21,918)	--	--	--
1971	60,583	4,876	297	--	--	--
1972	(3,883)	2,356	330	--	--	--
1973	66,754	3,707	(29)	--	--	--
1974	88,569	13,526	695	--	--	--
1975	45,787	7,744	550	51,291	13,842	1,386
1976	399,944	48,062	2,098	10	3	1
1977	281,777	44,090	3,341	--	--	--
1978	172,459	16,846	2,105	437,478	147,480	22,613
TOTALS	1,646,059	161,420	10,694	488,779	161,325	24,000

OIL AND GAS OPERATIONS

ACQUIRED LANDS

LOUISIANA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PREVIOUS	4,522,622	10,373,193	1,162,073
1952	4,382,469	10,659,586	1,263,860
1953	4,189,988	10,608,614	1,260,439
1954	6,551,639	6,782,107	752,529
1955	14,198,827	16,374,570	1,801,188
1956	13,316,080	13,771,321	1,476,613
1957	13,923,994	13,933,143	1,594,777
1958	14,339,207	11,717,586	1,406,111
1959	10,920,812	10,487,931	1,293,594
1960	8,944,277	10,058,715	1,239,715
1961	9,850,828	10,175,050	1,253,882
1962	9,495,669	10,942,317	1,341,204
1963	11,224,621	11,445,169	1,403,430
1964	12,857,072	12,205,802	1,494,371
1965	14,172,322	13,728,194	1,481,621
1966	16,165,119	14,826,943	1,490,658
1967	15,837,628	19,429,364	1,932,430
1968	13,949,898	14,635,955	1,366,391
1969	17,077,452	17,827,393	1,740,195
1970	24,301,051	18,668,097	1,889,989
1971	26,367,958	20,460,788	2,039,364
1972	30,832,960	19,674,992	1,960,381
1973	23,930,977	18,548,432	1,835,171
1974	20,184,364	19,331,531	1,920,550
1975	23,044,721	17,547,972	1,749,185
1976	22,752,039	22,043,746	2,200,619
1977	23,986,166	21,146,802	2,131,686
1978	12,567,399	17,080,181	1,733,762
TOTALS	423,888,159	414,485,494	44,215,788

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

LOUISIANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	105,837	280,331	35,042	237,129	27,270	6,817
1952	555,234	1,477,428	195,284	14,282,656	1,634,979	386,678
1953	518,359	1,454,690	190,866	11,154,411	1,019,546	233,795
1954	534,501	1,699,274	222,979	23,479,473	2,603,216	600,139
1955	681,836	1,985,608	261,558	27,460,046	3,036,340	681,887
1956	757,988	2,243,667	295,595	37,096,304	4,301,502	781,035
1957	1,065,700	3,477,554	458,895	37,561,682	4,409,741	619,956
1958	974,297	2,964,976	415,097	33,061,465	3,918,287	548,560
1959	1,008,140	3,074,202	422,088	38,851,903	4,975,905	698,617
1960	1,055,162	3,230,881	443,600	35,100,861	4,550,932	713,131
1961	1,064,214	3,264,628	518,424	37,056,635	4,770,231	682,620
1962	1,938,472	5,811,440	1,208,198	82,592,752	12,259,468	2,489,898
1963	2,010,143	5,999,156	1,280,220	76,027,853	10,791,716	2,277,052
1964	1,702,094	4,989,649	1,042,499	64,105,250	9,063,707	1,883,153
1965	1,361,509	3,972,404	677,170	51,254,579	7,147,856	1,343,315
1966	1,058,520	3,096,029	514,661	43,422,966	5,996,051	1,103,943
1967	760,695	2,246,304	368,550	29,744,123	4,133,878	746,572
1968	691,087	2,091,555	338,561	28,340,211	3,941,682	669,685
1969	573,921	1,826,472	293,553	24,478,839	3,347,209	553,802
1970	489,115	1,579,603	254,655	20,809,617	2,931,117	483,497
1971	395,726	1,370,343	220,428	18,564,984	2,711,130	441,373
1972	336,640	1,166,209	186,201	20,716,282	3,418,645	525,094
1973	277,039	1,040,889	165,718	24,476,271	4,760,522	740,149
1974	259,553	2,028,591	321,300	24,207,788	6,283,412	1,003,068
1975	227,793	1,422,487	220,433	19,389,137	4,612,535	926,055
1976	226,211	1,522,715	239,563	17,481,622	7,336,274	1,206,488
1977	197,276	1,695,527	272,539	10,463,241	4,561,343	744,814
1978	265,543	2,323,101	374,149	16,494,287	8,470,764	1,409,858
TOTALS	21,142,705	69,335,713	11,437,826	867,912,367	137,015,258	24,501,051

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	342,966	307,601	41,859
1952	--	--	--	14,837,890	3,112,407	581,962
1953	--	--	--	11,672,770	2,474,236	424,661
1954	--	--	--	24,063,974	4,302,490	823,118
1955	--	--	--	28,141,882	5,021,948	943,445
1956	--	--	--	37,854,292	6,545,169	1,076,630
1957	--	--	--	38,627,382	7,887,295	1,078,851
1958	--	--	--	34,035,762	6,883,263	963,657
1959	--	--	--	39,860,043	8,050,107	1,120,705
1960	--	--	--	36,156,023	7,781,813	1,156,731
1961	7,082,013	294,251	47,345	45,202,862	8,329,110	1,248,389
1962	66,540,104	2,769,988	529,068	151,171,328	20,840,896	4,227,164
1963	78,514,600	3,508,445	732,563	156,552,596	20,299,317	4,289,835
1964	72,772,847	3,481,766	719,788	138,580,191	17,535,122	3,645,440
1965	61,651,787	2,803,638	527,154	114,267,875	13,923,898	2,547,639
1966	52,498,003	2,777,938	505,800	96,979,549	11,870,018	2,124,404
1967	36,979,924	2,197,988	397,168	67,484,742	8,578,170	1,512,290
1968	33,271,795	1,717,610	290,912	62,303,093	7,750,847	1,299,158
1969	27,610,674	1,233,947	204,145	52,663,434	6,407,628	1,051,500
1970	24,608,693	1,389,339	229,274	45,907,425	5,900,059	967,426
1971	19,637,177	1,188,726	195,951	38,597,887	5,270,199	857,752
1972	19,421,916	1,190,437	186,265	40,474,838	5,775,291	897,560
1973	22,823,036	1,685,399	267,037	47,586,346	7,486,810	1,172,904
1974	21,699,101	2,474,469	399,581	46,166,442	10,786,472	1,723,949
1975	18,021,933	2,352,653	381,575	37,638,863	8,387,675	1,528,063
1976	16,323,538	2,266,111	368,909	34,031,471	11,125,100	1,814,960
1977	9,543,724	1,648,289	269,926	20,204,241	7,905,159	1,287,279
1978	15,662,495	2,431,557	397,857	32,422,425	13,225,422	2,181,864
TOTALS	604,773,320	37,412,551	6,650,318	1,493,828,592	243,763,522	42,589,195

OIL AND GAS OPERATIONS

ALL LANDS
ACQUIRED LANDS ONLY

MARYLAND

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	16,207	3,416	557	16,207	3,416	557
1957	67,636	15,336	2,325	67,636	15,336	2,325
1958	139,602	36,918	4,799	139,602	36,918	4,799
1959	349,530	96,128	12,016	349,530	96,128	12,016
1960	294,502	80,988	10,123	294,502	80,988	10,123
1961	194,714	53,544	6,693	194,714	53,544	6,693
1962	123,116	33,857	4,232	123,116	33,857	4,232
1963	73,671	20,172	2,532	73,671	20,172	2,532
1964	1,435,130	394,661	49,333	1,435,130	394,661	49,333
1965	16,439	4,520	565	16,439	4,520	565
1966	32,423	8,570	1,071	32,423	8,570	1,071
1967	228,477	60,391	7,549	228,477	60,391	7,549
1968	346,690	91,638	11,455	346,690	91,638	11,455
1969	218,785	57,830	7,237	218,785	57,830	7,237
1970	127,850	35,159	4,395	127,850	35,159	4,395
1971	26,152	6,913	864	26,152	6,913	864
1972	25,099	6,634	829	25,099	6,634	829
1973	43,077	11,386	1,423	43,077	11,386	1,423
1974	13,336	3,525	441	13,336	3,525	441
1975	7,668	2,055	257	7,668	2,055	257
1976	5,187	1,404	175	5,187	1,404	175
1977	5,564	1,783	223	5,564	1,783	223
1978	6,052	2,057	257	6,052	2,057	257
TOTALS	3,796,907	1,028,885	129,351	3,796,907	1,028,885	129,351

OIL AND GAS OPERATIONS

ALL LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	125,401	310,042	44,392	--	--	3,046
1952	31,889	83,340	11,896	--	--	454
1953	20,905	58,159	7,565	--	--	534
1954	15,901	43,785	5,689	--	--	534
1955	12,501	36,161	3,847	--	--	534
1956	11,848	36,559	4,120	--	--	534
1957	8,731	28,021	3,265	--	--	534
1958	8,150	24,693	2,979	11,453	3,097	906
1959	5,965	16,999	2,113	40,590	10,557	1,256
1960	5,358	15,179	1,854	59,412	15,453	1,503
1961	4,724	12,768	1,571	71,422	18,599	2,273
1962	3,900	10,764	1,346	84,462	21,960	3,279
1963	8,553	23,838	3,224	100,930	26,242	4,053
1964	9,555	26,537	3,570	84,092	21,864	3,483
1965	17,409	48,535	6,684	72,985	18,859	8,027
1966	23,934	83,664	11,052	56,048	14,287	2,678
1967	15,488	44,965	6,230	40,346	10,284	2,107
1968	30,508	90,666	11,850	27,774	7,080	1,649
1969	49,070	151,057	19,570	26,005	6,629	1,590
1970	54,112	160,677	20,818	22,754	7,774	1,734
1971	45,157	142,120	18,938	29,627	7,552	963
1972	31,391	100,965	13,838	31,629	9,815	1,256
1973	35,290	136,564	19,032	34,335	9,827	1,251
1974	69,508	635,710	84,262	462,210	248,410	31,124
1975	122,445	827,866	109,951	596,137	406,237	50,854
1976	63,830	716,726	96,015	531,894	375,371	46,991
1977	73,806	837,237	110,599	510,351	549,027	106,818
1978	68,705	826,211	110,125	463,890	529,620	66,265
TOTALS	979,531	5,529,808	736,395	3,358,346	2,318,544	346,230

OIL AND GAS OPERATIONS

ALL LANDS

MICHIGAN

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	125,401	310,042	47,438
1952	--	--	--	31,889	83,340	12,350
1953	--	--	--	20,905	58,159	8,099
1954	2,197	91	13	18,098	43,876	6,236
1955	--	--	--	12,601	36,161	4,381
1956	1,559	80	9	13,417	36,639	4,663
1957	1,340	86	8	10,071	28,107	3,807
1958	--	--	--	19,603	27,790	3,885
1959	--	--	--	46,555	27,556	3,369
1960	--	--	--	64,780	30,632	3,357
1961	--	--	--	75,916	31,367	3,844
1962	--	--	--	88,362	32,724	4,625
1963	--	--	--	109,493	50,080	7,277
1964	--	--	--	93,647	48,401	7,053
1965	--	--	--	90,394	67,394	14,711
1966	--	--	--	84,982	97,951	13,730
1967	--	--	--	55,834	55,249	8,337
1968	--	--	--	58,282	97,746	13,499
1969	--	--	--	75,075	157,686	21,160
1970	--	--	--	76,866	168,451	22,552
1971	--	--	--	74,791	149,672	19,901
1972	--	--	--	63,520	110,780	15,094
1973	--	--	--	69,625	146,391	20,283
1974	--	--	--	531,818	884,120	115,386
1975	--	--	--	718,582	1,234,103	160,805
1976	--	--	--	595,724	1,092,097	143,006
1977	--	--	--	584,157	1,386,264	217,417
1978	--	--	--	532,595	1,355,831	176,390
TOTALS	5,106	257	30	4,342,983	7,848,609	1,082,655

OIL AND GAS OPERATIONS

PUBLIC LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1910	34,163	61,040	9,307	--	--	1,845
1952	321	1,884	278	--	--	454
1953	--	--	--	--	--	534
1954	--	--	--	--	--	534
1955	--	--	--	--	--	534
1956	--	--	--	--	--	534
1957	--	--	--	--	--	534
1958	--	--	--	--	--	534
1959	--	--	--	--	--	534
1960	--	--	--	--	--	534
1961	--	--	--	--	--	534
1962	--	--	--	--	--	534
1963	--	--	--	--	--	534
1964	--	--	--	--	--	534
1965	--	--	--	--	--	5,491
1966	--	--	--	--	--	734
1967	--	--	--	--	--	734
1968	--	--	--	--	--	734
1969	--	--	--	--	--	734
1970	--	--	--	--	--	734
1971-78	--	--	--	--	--	--
TOTALS	34,989	62,924	9,585	0	0	17,868

OIL AND GAS OPERATIONS

PUBLIC LANDS

MICHIGAN

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIDE	34,168	61,040	11,152
1952	821	1,884	732
1953	0	0	534
1954	0	0	534
1955	0	0	534
1956	0	0	534
1957	0	0	534
1958	0	0	534
1959	0	0	534
1960	0	0	534
1961	0	0	534
1962	0	0	534
1963	0	0	534
1964	0	0	534
1965	0	0	5,491
1966	0	0	734
1967	0	0	734
1968	0	0	734
1969	0	0	734
1970	0	0	734
1971-78	--	--	--
TOTALS	34,989	62,924	27,453

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	81,812	223,036	29,364	--	--	1,201
1952	28,331	73,950	9,736	--	--	--
1953	19,032	52,404	6,883	--	--	--
1954	14,391	39,282	5,126	--	--	--
1955	11,227	32,134	3,828	--	--	--
1956	10,515	32,654	3,632	--	--	--
1957	7,712	24,780	2,860	--	--	--
1958	7,073	21,517	2,582	11,453	3,097	372
1959	5,199	14,739	1,829	40,590	10,557	722
1960	4,421	12,384	1,505	59,412	15,453	969
1961	3,776	10,650	1,306	71,422	18,599	1,739
1962	3,255	8,917	1,115	84,462	21,960	2,745
1963	7,919	22,035	2,999	100,930	26,242	3,519
1964	8,921	24,762	3,349	84,092	21,864	2,949
1965	16,875	47,040	6,497	72,985	18,859	2,536
1966	28,325	81,900	10,831	56,048	14,287	1,944
1967	14,940	43,369	6,000	40,346	10,284	1,373
1968	30,005	89,169	11,663	27,774	7,080	915
1969	48,561	149,496	19,375	26,005	6,629	856
1970	53,562	158,933	20,600	22,754	7,774	1,000
1971	44,857	141,090	18,810	29,627	7,552	963
1972	31,524	99,735	13,684	31,629	9,815	1,256
1973	35,215	136,350	19,005	34,335	9,827	1,251
1974	69,603	635,710	84,262	462,210	248,410	31,124
1975	122,299	825,904	109,706	596,137	406,237	50,854
1976	63,536	714,007	95,675	531,894	375,371	46,991
1977	73,717	835,988	110,443	510,351	549,027	106,818
1978	68,587	824,526	109,914	463,890	529,620	66,265
TOTALS	915,257	5,376,462	712,579	3,358,346	2,318,544	328,362

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MICHIGAN

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	81,812	223,036	30,565
1952	--	--	--	28,331	73,950	9,736
1953	--	--	--	19,032	52,404	6,883
1954	2,197	91	13	16,588	39,373	5,139
1955	--	--	--	11,227	32,134	3,828
1956	1,569	80	9	12,084	32,734	3,641
1957	1,340	86	8	9,052	24,866	2,868
1958	--	--	--	18,526	24,614	2,954
1959	--	--	--	45,789	25,296	2,551
1960	--	--	--	63,833	27,837	2,474
1961	--	--	--	75,198	29,249	3,045
1962	--	--	--	87,717	30,877	3,860
1963	--	--	--	108,849	48,278	6,518
1964	--	--	--	93,013	46,626	6,298
1965	--	--	--	89,860	65,899	9,033
1966	--	--	--	84,374	96,187	12,775
1967	--	--	--	55,286	53,653	7,373
1968	--	--	--	57,779	96,249	12,578
1969	--	--	--	74,566	156,125	20,231
1970	--	--	--	76,316	166,707	21,600
1971	--	--	--	74,484	148,642	19,773
1972	--	--	--	63,153	109,550	14,940
1973	--	--	--	69,551	146,177	20,256
1974	--	--	--	531,818	884,120	115,386
1975	--	--	--	718,436	1,232,141	160,560
1976	--	--	--	595,490	1,089,378	142,666
1977	--	--	--	584,068	1,385,015	217,261
1978	--	--	--	532,477	1,354,146	176,179
TOTALS	5,106	257	30	4,278,709	7,695,263	1,040,971

OIL AND GAS OPERATIONS

INDIAN LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOF	9,421	25,966	5,721	9,421	25,966	5,721
1952	2,737	7,506	1,882	2,737	7,506	1,882
1953	1,373	5,755	682	1,873	5,755	682
1954	1,510	4,503	563	1,510	4,503	563
1955	1,374	4,027	19	1,374	4,027	19
1956	1,333	3,905	488	1,333	3,905	488
1957	1,019	3,241	405	1,019	3,241	405
1958	1,077	3,176	397	1,077	3,176	397
1959	766	2,260	284	766	2,260	284
1960	947	2,795	349	947	2,795	349
1961	718	2,118	265	718	2,118	265
1962	645	1,847	231	645	1,847	231
1963	644	1,802	225	644	1,802	225
1964	634	1,775	221	634	1,775	221
1965	534	1,495	187	534	1,495	187
1966	608	1,764	221	608	1,764	221
1967	548	1,596	230	548	1,596	230
1968	503	1,497	187	503	1,497	187
1969	509	1,561	195	509	1,561	195
1970	550	1,744	218	550	1,744	218
1971	307	1,030	128	307	1,030	128
1972	367	1,230	154	367	1,230	154
1973	74	214	27	74	214	27
1974	--	--	--	--	--	--
1975	146	1,962	245	146	1,962	245
1976	234	2,719	340	234	2,719	340
1977	89	1,249	156	89	1,249	156
1978	118	1,685	211	118	1,685	211
TOTALS	29,285	90,422	14,231	29,285	90,422	14,231

OIL AND GAS OPERATIONS

ALL LANDS

MISSISSIPPI

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	113,715	306,944	32,088	36,068	15,968	225
1952	53,079	136,825	16,398	--	--	--
1953	93,188	255,348	31,750	--	--	--
1954	220,321	600,650	74,667	--	--	--
1955	523,269	1,525,291	144,166	898,850	176,836	22,471
1956	805,702	2,499,330	200,344	2,072,278	426,541	48,051
1957	753,466	2,452,029	261,017	6,124,557	1,387,780	121,615
1958	771,607	2,489,229	273,880	6,382,526	1,312,140	131,238
1959	1,018,072	3,184,707	359,608	7,143,856	1,423,833	139,847
1960	972,076	2,860,676	328,426	6,239,985	1,283,729	120,834
1961	1,003,330	2,942,056	344,810	5,948,524	1,265,226	122,638
1962	1,085,469	3,209,918	381,980	6,135,205	1,336,032	135,249
1963	1,581,822	4,535,123	550,405	6,065,302	1,264,541	129,114
1964	2,133,682	5,969,696	734,900	2,673,313	547,466	48,537
1965	2,725,475	7,614,916	953,003	3,629,276	722,573	90,240
1966	3,409,558	9,531,483	1,204,573	4,324,751	828,709	106,203
1967	3,914,657	11,042,284	1,385,130	2,976,007	580,378	72,403
1968	4,031,274	11,713,104	1,466,295	2,225,422	494,298	61,220
1969	3,939,448	11,918,547	1,489,955	2,310,881	391,865	48,957
1970	3,594,518	11,416,279	1,427,049	1,762,850	349,964	43,742
1971	2,949,509	9,760,775	1,220,115	1,542,080	318,170	39,758
1972	2,270,784	7,502,694	936,669	1,026,777	211,955	26,479
1973	1,730,139	6,815,564	851,297	752,253	174,757	22,046
1974	1,662,968	10,909,045	1,365,809	564,742	131,839	16,473
1975	1,518,700	11,316,088	1,424,664	404,534	137,662	17,202
1976	1,385,688	11,071,557	1,387,529	243,238	83,632	10,457
1977	1,232,216	9,897,430	1,238,132	181,712	74,697	9,337
1978	1,098,011	9,939,269	1,257,944	304,351	328,662	40,944
TOTALS	46,802,909	173,416,857	21,342,603	71,959,338	15,269,253	1,625,280

OIL AND GAS OPERATIONS

ALL LANDS

MISSISSIPPI

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1948	53	10	1	--	--	--
1969	4,316	293	37	--	--	--
1970	1,474,984	80,846	3,369	--	--	--
1971	772,252	43,979	1,832	--	--	--
1972	29,353	1,421	59	--	--	--
1973-74	--	--	--	--	--	--
1975	--	--	--	14	74	9
1976	--	--	--	140	1,622	203
1977-78	--	--	--	--	--	--
TOTALS	2,291,433	126,549	5,298	154	1,696	212

OIL AND GAS OPERATIONS

ALL LANDS

MISSISSIPPI

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	149,783	322,912	32,313
1952	--	--	--	53,079	136,825	16,398
1953	--	--	--	93,188	255,348	31,750
1954	--	--	--	220,321	600,650	74,667
1955	--	--	--	1,432,119	1,702,127	166,637
1956	--	--	--	2,877,980	2,925,871	248,395
1957	--	--	--	6,888,023	3,839,809	382,632
1958	--	--	--	7,154,133	3,801,369	405,118
1959	--	--	--	8,161,928	4,608,540	499,455
1960	--	--	--	7,212,061	4,144,405	449,260
1961	--	--	--	6,951,854	4,207,282	467,448
1962	--	--	--	7,221,674	4,545,950	517,229
1963	--	--	--	7,647,124	5,799,664	679,519
1964	--	--	--	4,806,995	6,517,162	783,437
1965	--	--	--	6,354,751	8,337,489	1,043,243
1966	--	--	--	7,824,309	10,360,192	1,310,776
1967	--	--	--	6,890,664	11,622,662	1,457,533
1968	--	--	--	6,256,759	12,207,412	1,527,516
1969	--	--	--	6,254,645	12,310,705	1,538,949
1970	--	--	--	6,932,452	11,847,089	1,474,160
1971	--	--	--	5,263,851	10,122,924	1,261,705
1972	--	--	--	3,327,419	7,716,070	963,207
1973	--	--	--	2,482,392	6,990,321	873,343
1974	11,233	3,370	421	2,238,943	11,044,254	1,382,703
1975	14,208	4,280	535	1,937,582	11,458,104	1,442,410
1976	20,145	9,892	1,236	1,649,211	11,166,703	1,399,425
1977	8,837	7,953	994	1,422,765	9,980,080	1,248,463
1978	3,589	3,230	404	1,405,951	10,271,161	1,299,292
TOTALS	58,072	28,725	3,590	121,111,956	188,843,080	22,976,983

OIL AND GAS OPERATIONS

PUBLIC LANDS

MISSISSIPPI

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,413	5,470	831	--	--	--
1952	5,460	12,530	950	--	--	--
1953	4,172	10,246	962	--	--	--
1954	3,877	9,841	906	--	--	--
1955	3,124	7,886	734	--	--	--
1956	4,734	11,947	1,217	101,755	11,200	1,037
1957	2,504	6,959	674	8,536	972	95
1958	2,050	4,420	551	10,636	977	122
1959	2,093	4,515	564	10,884	1,001	125
1960	553	2,085	260	8,599	1,152	144
1961	40	111	14	7,572	1,325	166
1962	33	93	11	6,751	1,103	154
1963	100,023	265,021	33,128	852	165	21
1964	57,109	146,074	18,259	248	60	7
1965	45,854	121,662	15,208	--	--	--
1966	41,931	109,673	13,709	--	--	--
1967	36,482	99,896	12,487	--	--	--
1968	200,183	584,212	73,027	3,150	772	97
1969	79,965	242,748	30,344	--	--	--
1970	64,372	195,754	24,469	--	--	--
1971	42,992	138,823	17,353	--	--	--
1972	37,038	119,359	14,920	--	--	--
1973	23,126	123,708	15,464	--	--	--
1974	29,200	176,795	22,099	--	--	--
1975	25,104	144,822	18,208	--	--	--
1976	18,535	116,915	14,688	--	--	--
1977	16,344	98,651	12,166	--	--	--
1978	17,341	109,745	13,705	--	--	--
TOTALS	877,882	2,869,961	356,908	158,983	18,727	1,968

OIL AND GAS OPERATIONS

PUBLIC LANDS

MISSISSIPPI

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR

1952	2,413	5,470	831
1953	5,460	12,530	950
1954	4,172	10,246	962
1955	3,877	9,841	906
1956	3,124	7,886	734
1957	106,489	23,147	2,254
1958	11,040	7,931	769
1959	12,686	5,397	673
1960	12,982	5,516	689
1961	9,562	3,237	404
1962	7,612	1,436	180
1963	6,784	1,196	165
1964	100,880	265,186	33,149
1965	57,357	146,134	18,266
1966	45,864	121,662	15,208
1967	41,931	109,673	13,709
1968	36,482	99,896	12,487
1969	203,633	584,984	73,124
1970	79,965	242,748	30,344
1971	64,872	195,754	24,469
1972	42,992	138,823	17,353
1973	37,038	119,359	14,920
1974	33,126	123,708	15,464
1975	29,200	176,795	22,099
1976	25,104	144,822	18,208
1977	18,535	116,915	14,688
1978	16,344	98,651	12,166
	17,341	109,745	13,705

TOTALS

1,036,865	2,888,688	358,876
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OIL AND GAS OPERATIONS

ACQUIRED LANDS

MISSISSIPPI

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIME	111,302	301,474	31,257	36,068	15,968	225
1952	47,613	124,295	15,448	--	--	--
1953	89,016	245,102	30,788	--	--	--
1954	216,447	590,809	73,761	--	--	--
1955	530,145	1,517,405	143,432	898,850	176,836	22,471
1956	800,468	2,487,383	199,127	1,970,523	415,341	47,014
1957	750,562	2,445,070	260,343	6,116,021	1,386,808	121,520
1958	769,557	2,484,809	273,329	6,371,890	1,311,163	131,116
1959	1,015,974	3,180,192	359,044	7,132,972	1,422,832	139,722
1960	971,113	2,858,591	328,166	6,231,386	1,282,577	120,690
1961	1,003,290	2,941,945	344,796	5,940,952	1,263,901	122,472
1962	1,036,433	3,209,825	381,969	6,128,454	1,334,929	135,095
1963	1,481,744	4,270,102	517,277	6,064,450	1,264,376	129,093
1964	2,076,373	5,823,622	716,641	2,673,065	547,406	48,530
1965	2,679,511	7,493,253	937,795	3,629,276	722,573	90,240
1966	3,457,527	9,421,810	1,190,864	4,324,751	828,709	106,203
1967	3,878,175	10,942,388	1,372,643	2,976,007	580,378	72,403
1968	3,830,791	11,128,892	1,393,268	2,222,272	493,526	61,123
1969	3,859,483	11,675,799	1,459,611	2,310,881	391,865	48,957
1970	3,629,746	11,220,525	1,402,580	1,762,850	349,964	43,742
1971	2,906,517	9,621,952	1,202,762	1,542,080	318,170	39,758
1972	2,233,746	7,383,335	921,749	1,026,777	211,955	26,479
1973	1,697,013	6,691,856	835,833	752,253	174,757	22,046
1974	1,633,763	10,732,250	1,343,710	564,742	131,839	16,473
1975	1,493,662	11,171,266	1,406,456	404,534	137,662	17,202
1976	1,367,153	10,954,642	1,372,841	243,238	83,632	10,457
1977	1,215,372	9,798,779	1,225,966	181,712	74,697	9,337
1978	1,080,570	9,829,524	1,244,239	304,351	328,662	40,944
TOTALS	45,925,027	170,546,896	20,985,695	71,810,355	15,250,526	1,623,312

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MISSISSIPPI

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	53	10	1	--	--	--
1969	4,315	293	37	--	--	--
1970	1,474,987	80,846	3,369	--	--	--
1971	772,262	43,979	1,832	--	--	--
1972	29,858	1,421	59	--	--	--
1973-74	--	--	--	14	74	9
1975	--	--	--	140	1,622	203
1976	--	--	--	--	--	--
1977-78	--	--	--	--	--	--
TOTALS	2,281,433	126,549	5,298	154	1,696	212

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MISSISSIPPI

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	--	--	--	147,370	317,442	31,482
1952	--	--	--	47,619	124,295	15,448
1953	--	--	--	89,016	245,102	30,788
1954	--	--	--	216,444	590,809	73,761
1955	--	--	--	1,428,995	1,694,241	165,903
1956	--	--	--	2,771,491	2,902,724	246,141
1957	--	--	--	6,876,983	3,831,878	381,863
1958	--	--	--	7,141,447	3,795,972	404,445
1959	--	--	--	8,148,946	4,603,024	498,766
1960	--	--	--	7,202,499	4,141,168	448,856
1961	--	--	--	6,944,242	4,205,846	467,268
1962	--	--	--	7,214,890	4,544,754	517,064
1963	--	--	--	7,546,244	5,534,478	646,370
1964	--	--	--	4,749,638	6,371,028	765,171
1965	--	--	--	6,308,887	8,215,827	1,028,035
1966	--	--	--	7,782,378	10,250,519	1,297,067
1967	--	--	--	6,854,182	11,522,766	1,445,046
1968	--	--	--	6,053,126	11,622,428	1,454,392
1969	--	--	--	6,174,680	12,067,957	1,508,605
1970	--	--	--	6,867,580	11,651,335	1,449,691
1971	--	--	--	5,220,859	9,984,101	1,244,352
1972	--	--	--	3,290,381	7,596,711	948,287
1973	--	--	--	2,449,266	6,866,613	857,879
1974	11,233	3,370	421	2,209,743	10,867,459	1,360,604
1975	14,263	4,280	535	1,912,478	11,313,282	1,424,202
1976	20,145	9,892	1,236	1,630,676	11,049,788	1,384,737
1977	8,837	7,953	994	1,406,421	9,881,429	1,236,297
1978	3,589	3,230	404	1,388,610	10,161,416	1,285,587
TOTALS	58,072	28,725	3,590	120,075,091	185,954,392	22,618,107

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	+9,840,541	80,000,066	9,943,763	79,612,714	5,723,631	475,783
1952	2,843,901	6,829,823	934,012	4,782,293	366,851	31,630
1953	3,391,023	8,431,321	1,076,778	4,659,866	392,533	30,892
1954	5,057,440	12,027,047	1,466,271	4,829,773	502,915	32,439
1955	5,291,660	13,058,516	1,610,502	5,083,964	528,296	33,893
1956	8,052,302	20,724,337	2,678,076	3,430,407	350,131	23,831
1957	10,143,413	28,600,662	3,753,753	4,059,261	428,207	30,069
1958	10,245,304	27,422,508	3,813,752	4,945,317	336,686	37,552
1959	10,599,255	27,577,078	3,926,521	5,241,925	341,454	39,116
1960	11,003,103	27,765,374	3,865,648	6,231,141	393,840	46,342
1961	11,315,994	28,092,552	3,954,415	5,314,038	330,852	38,452
1962	11,050,585	27,397,590	3,955,985	4,232,583	256,108	29,281
1963	11,238,316	28,110,770	4,033,090	3,290,068	245,735	25,487
1964	11,233,575	28,110,051	3,980,435	2,900,385	174,687	23,841
1965	12,093,479	31,052,801	4,188,977	3,223,681	202,639	26,391
1966	13,164,784	32,999,099	4,488,014	4,037,480	281,687	15,094
1967	13,235,757	34,570,356	4,231,721	5,091,928	362,680	61,660
1968	16,356,753	42,859,565	5,604,690	5,541,389	379,068	37,722
1969	14,121,613	39,432,578	5,083,861	7,552,277	732,962	77,729
1970	12,519,335	35,798,494	4,455,962	7,092,882	697,754	79,084
1971	11,876,000	38,454,812	4,825,757	7,712,028	645,818	75,268
1972	10,761,413	33,880,344	4,641,607	6,760,292	592,002	68,656
1973	9,947,453	37,909,463	4,758,499	10,841,347	1,051,228	129,063
1974	10,763,634	66,067,837	8,350,802	11,308,248	1,366,277	184,202
1975	9,103,811	62,017,644	7,791,746	10,189,725	2,622,709	303,382
1976	8,898,798	70,309,776	9,056,523	10,206,193	4,186,026	359,799
1977	8,365,170	68,069,509	8,598,411	12,890,188	8,936,214	1,064,205
1978	8,071,040	69,895,151	8,760,891	13,041,618	8,728,237	1,109,084
TOTALS	320,586,340	1,027,465,124	133,830,452	254,103,011	41,157,227	4,469,759

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,012,742	150,253	7,737	--	--	--
1952	794,454	57,675	2,536	--	--	--
1953	591,012	72,251	3,398	--	--	--
1954	4,843,665	334,916	14,222	3,303	15,950	1,824
1955	479,490	38,463	1,780	--	--	--
1956	510,762	38,854	1,790	--	--	--
1957	619,575	48,713	2,281	--	--	--
1958	13,436,715	946,763	37,981	19,422	317,575	14,799
1959	5,322,463	370,982	15,434	3,449	67,371	2,735
1960	5,066,984	366,415	14,332	8,986	164,406	5,952
1961	5,350,690	396,804	15,379	4,786	83,018	3,296
1962	4,743,555	256,050	10,242	4,298	65,795	2,711
1963	5,385,381	305,038	11,713	5,377	73,975	3,055
1964	5,048,612	282,541	11,690	4,125	42,445	1,639
1965	5,569,343	311,773	12,824	(4,263)	(50,187)	(4,581)
1966	32,997,294	1,893,893	61,052	10,046	126,345	5,093
1967	14,398,387	589,950	33,516	8,676	158,778	6,425
1968	10,498,023	432,230	19,810	7,214	141,246	5,655
1969	13,155,571	739,206	27,462	5,719	108,349	4,368
1970	13,807,090	780,100	30,555	7,299	133,166	5,450
1971	10,290,868	621,537	22,471	6,032	100,039	4,054
1972	6,638,170	391,241	16,019	3,552	38,543	1,564
1973	6,316,255	294,954	13,036	11,270	34,828	1,451
1974	5,810,780	1,592,586	27,730	5,388	52,508	2,014
1975	7,094,397	196,372	33,019	4,246	92,404	3,588
1976	6,415,553	2,014,623	34,673	5,267	107,798	4,080
1977	6,112,213	1,396,679	33,763	5,922	91,296	3,496
1978	4,182,242	733,176	27,948	5,004	75,534	2,860
TOTALS	197,983,802	15,653,038	544,403	135,118	2,041,182	81,528

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	687	106	13
1975	1,597	10,352	(142)	72,275	148,026	18,503
1976	571	5,025	572	129,522	75,861	9,483
1977	13,587	164,549	20,551	71,914	131,625	16,453
1978	5,859	74,293	6,880	107,587	211,393	26,424
TOTALS	21,824	254,219	27,861	381,985	567,011	70,876

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	131,465,997	85,873,950	10,427,283
1953	8,420,648	7,254,349	968,178
1954	9,041,906	8,896,105	1,111,068
1955	14,734,187	12,880,828	1,514,756
1956	10,855,114	13,625,275	1,646,175
1957	11,993,471	21,113,322	2,703,697
1958	14,822,254	29,077,582	3,786,103
1959	28,646,758	29,023,532	3,904,084
1960	21,167,093	28,356,885	3,983,806
1961	22,310,219	28,690,035	3,932,274
1962	21,985,508	28,903,226	4,011,542
1963	20,031,132	27,975,543	3,998,219
1964	19,919,642	28,735,518	4,073,335
1965	19,186,697	28,609,724	4,017,605
1966	20,882,240	31,517,026	4,223,611
1967	50,209,604	35,301,024	4,549,075
1968	32,734,748	35,680,764	4,333,322
1969	32,403,989	43,812,109	5,667,877
1970	34,835,180	41,013,095	5,193,420
1971	33,427,707	37,409,514	4,571,051
1972	29,884,928	39,822,206	4,927,550
1973	24,163,427	34,902,130	4,727,846
1974	27,116,330	39,290,473	4,902,049
1975	27,888,787	69,079,314	8,564,761
1976	26,456,151	65,087,507	8,150,096
1977	25,656,009	76,699,109	9,465,130
1978	27,458,994	78,789,872	9,736,879
1978	25,413,360	79,717,784	9,934,087
TOTALS	773,112,080	1,087,137,801	139,024,879

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	30,553,657	48,190,358	5,504,798	77,322,071	5,608,700	461,417
1952	1,303,036	4,137,823	567,695	3,818,720	318,546	25,592
1953	2,207,028	5,420,421	681,225	3,795,278	349,181	25,473
1954	2,101,735	5,335,076	555,942	4,414,450	481,771	29,756
1955	2,481,612	6,264,112	769,881	4,482,021	497,249	30,012
1956	4,516,842	11,398,635	1,526,277	2,964,069	326,237	20,844
1957	6,313,545	17,545,723	2,383,154	3,515,918	400,393	26,592
1958	6,934,094	18,040,739	2,641,164	4,562,136	317,002	35,092
1959	7,458,932	19,000,464	2,840,569	5,023,353	330,125	37,700
1960	8,119,387	20,116,907	2,898,846	5,970,356	380,059	44,619
1961	9,039,451	22,133,849	3,191,701	5,170,076	322,772	37,442
1962	8,895,481	21,926,127	3,256,030	4,240,290	256,546	29,349
1963	8,977,093	22,279,208	3,292,867	3,263,230	242,055	25,029
1964	9,198,857	22,944,285	3,318,035	2,880,473	172,218	23,509
1965	9,955,525	25,652,829	3,445,928	3,170,332	198,286	25,708
1966	10,924,432	27,396,098	3,788,776	3,820,465	264,140	(7,977)
1967	11,069,239	29,068,729	3,558,497	4,849,441	342,112	58,306
1968	14,064,536	36,829,893	4,857,654	5,321,981	360,924	34,731
1969	11,116,753	30,934,675	4,023,638	7,276,892	709,656	73,965
1970	9,042,502	25,957,026	3,267,047	6,688,282	658,486	73,593
1971	8,121,315	25,236,601	3,026,647	6,835,028	560,870	61,899
1972	7,893,022	24,491,448	3,418,763	6,223,236	486,004	53,131
1973	7,441,101	28,713,025	3,573,071	10,522,475	991,380	120,450
1974	8,780,454	55,292,046	6,773,670	10,840,551	1,269,390	169,562
1975	7,315,336	51,036,650	6,206,842	9,530,579	2,358,982	263,277
1976	7,207,604	52,951,260	6,400,442	9,337,351	3,851,553	312,391
1977	6,874,630	51,671,087	6,280,014	11,450,178	7,932,036	907,208
1978	6,726,924	54,467,531	6,554,136	10,605,598	6,085,085	735,695
TOTALS	235,144,305	764,432,625	98,703,309	237,894,830	36,071,758	3,734,405

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

CALENDAR YEAR	OIL AND GAS OPERATIONS PUBLIC LANDS			SULFUR		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	505,649	31,332	2,782	--	--	--
1952	70,131	4,395	316	--	--	--
1953	174,485	12,415	905	--	--	--
1954	4,394,427	300,342	12,781	3,303	15,950	1,824
1955	70,513	4,677	372	--	--	--
1956	140,745	9,528	568	--	--	--
1957	108,434	7,364	558	--	--	--
1958	13,071,158	920,021	36,867	19,422	317,575	14,799
1959	5,150,054	359,346	14,949	3,449	67,371	2,735
1960	4,331,940	350,923	13,686	8,986	164,406	5,952
1961	5,231,829	389,225	15,063	4,786	83,018	3,296
1962	4,743,566	256,050	10,242	4,298	65,795	2,711
1963	5,385,381	305,038	11,713	5,377	73,975	3,055
1964	5,048,512	282,541	11,690	4,125	42,445	1,639
1965	5,537,095	309,692	12,477	(4,263)	(50,187)	(4,581)
1966	32,808,923	1,882,908	60,583	10,046	126,345	5,093
1967	14,178,932	575,458	32,866	8,676	158,778	6,425
1968	10,289,439	420,703	19,170	7,214	141,246	5,655
1969	12,875,533	724,030	26,620	5,719	108,349	4,368
1970	13,589,241	770,760	30,036	7,299	133,166	5,450
1971	9,321,350	569,026	19,554	6,032	100,039	4,054
1972	6,002,311	357,469	13,794	3,552	38,543	1,564
1973	5,961,921	276,073	12,076	4,198	34,119	1,332
1974	5,252,512	1,526,166	24,253	5,388	52,508	2,014
1975	6,359,486	76,017	26,799	4,246	92,404	3,588
1976	5,447,299	1,850,695	26,647	5,267	107,798	4,080
1977	4,905,953	1,171,075	21,412	5,922	91,296	3,496
1978	3,022,823	497,967	15,135	5,004	75,534	2,860
TOTALS	134,480,503	14,241,236	473,914	128,046	2,040,473	81,409

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	687	106	13
1975	1,709	10,324	(113)	70,959	147,342	18,418
1976	671	5,025	572	127,471	74,685	9,336
1977	13,587	164,549	20,551	71,320	130,024	16,253
1978	5,859	74,293	6,880	107,587	211,393	26,424
TOTALS	21,835	254,391	27,890	378,024	563,550	70,444

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1952	108,391,387	53,830,390	5,968,997
1953	5,691,937	4,460,764	593,603
1954	6,176,792	5,782,017	707,603
1955	10,913,916	6,133,139	700,343
1956	7,034,146	6,766,038	800,265
1957	7,621,656	11,734,400	1,547,689
1958	9,937,948	17,953,480	2,410,304
1959	24,585,810	19,595,337	2,727,922
1960	17,635,788	19,757,306	2,895,953
1961	18,930,669	21,012,295	2,963,103
1962	19,446,152	22,928,864	3,247,502
1963	17,883,635	22,504,518	3,298,332
1964	17,631,081	22,900,276	3,332,664
1965	17,132,067	23,441,489	3,354,873
1966	18,658,689	26,110,620	3,479,532
1967	47,553,916	29,669,491	3,846,475
1968	30,106,338	30,145,077	3,656,094
1969	29,683,270	37,752,766	4,917,210
1970	31,274,997	32,476,710	4,128,591
1971	29,327,324	27,519,438	3,376,126
1972	24,283,725	26,466,536	3,112,154
1973	20,122,621	25,373,464	3,487,252
1974	23,929,695	30,014,597	3,706,929
1975	24,879,602	58,140,216	6,969,512
1976	23,282,315	53,721,919	6,518,811
1977	22,125,663	58,841,016	6,753,468
1978	23,321,600	61,160,067	7,248,934
	20,473,810	61,411,803	7,341,130
TOTALS	658,047,549	817,604,033	103,091,371

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MONTANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	40,773	106,426	9,982	--	--	--
1953	89,559	246,873	22,525	--	--	--
1954	476,853	1,301,667	114,272	--	--	--
1955	392,231	1,122,662	106,758	--	--	--
1956	552,872	1,716,928	177,540	--	--	--
1957	697,734	2,241,910	246,491	--	--	--
1958	628,674	1,838,240	220,589	--	--	--
1959	501,535	1,654,053	206,758	--	--	--
1960	516,211	1,416,318	177,040	--	--	--
1961	376,385	1,030,032	128,754	--	--	--
1962	291,260	792,037	99,005	--	--	--
1963	249,725	684,894	85,612	--	--	--
1964	238,135	629,109	78,638	--	--	--
1965	223,079	597,069	84,549	--	--	2
1966	173,086	458,741	58,926	2,394	352	44
1967	142,030	380,597	56,732	12,177	1,372	172
1968	123,879	345,614	43,202	4,060	375	47
1969	110,561	327,504	40,938	2,471	121	15
1970	102,773	312,750	39,094	4,483	220	27
1971	88,610	294,457	26,697	3,232	158	20
1972	77,653	258,332	32,291	4,083	200	25
1973	73,224	271,100	33,888	21,877	3,230	404
1974	79,353	459,695	57,462	19,553	3,208	401
1975	87,613	547,416	68,427	15,870	5,164	646
1976	111,237	896,841	136,190	142,790	41,467	5,183
1977	75,713	478,949	59,869	55,038	88,222	11,028
1978	(144,767)	(797,782)	(99,723)	816,153	1,125,300	140,663
TOTALS	6,475,510	19,612,432	2,312,506	1,104,181	1,269,389	158,677

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MONTANA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1952	--	--	--	40,773	106,426	9,982
1953	--	--	--	89,659	246,873	22,525
1954	--	--	--	476,868	1,301,667	114,272
1955	--	--	--	392,231	1,122,662	106,758
1956	--	--	--	552,872	1,716,928	177,540
1957	--	--	--	697,734	2,241,910	246,491
1958	--	--	--	628,674	1,838,240	220,589
1959	--	--	--	601,635	1,654,053	206,758
1960	--	--	--	516,211	1,416,318	177,040
1961	--	--	--	376,386	1,030,032	128,754
1962	--	--	--	291,260	792,037	99,005
1963	--	--	--	249,726	684,894	85,612
1964	--	--	--	238,135	629,109	78,638
1965	--	--	--	223,079	597,069	84,551
1966	--	--	--	175,480	459,093	58,970
1967	--	--	--	154,207	381,969	56,904
1968	--	--	--	127,939	345,989	43,249
1969	--	--	--	113,032	327,625	40,953
1970	--	--	--	106,556	312,970	39,121
1971	--	--	--	91,842	294,615	26,717
1972	--	--	--	81,736	258,532	32,316
1973	--	--	--	95,101	274,330	34,292
1974	--	--	--	98,906	462,903	57,863
1975	1,316	684	85	104,799	553,264	69,158
1976	2,051	1,176	147	256,080	939,484	141,520
1977	575	1,591	199	131,326	568,762	71,096
1978	--	--	--	671,386	327,518	40,940
TOTALS	3,942	3,451	431	7,583,633	20,885,272	2,471,614

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

MONTANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1976	--	--	--	7,700	4,344	543
1977	1,187	11,886	364	--	--	--
1978	(1,187)	(11,886)	(364)	--	--	--
TOTALS	0	0	0	7,700	4,344	543

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

MONTANA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
7,700	4,344	543
1,187	11,886	364
(1,187)	(11,886)	(364)
7,700	4,344	543

TOTALS

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	Q U A N T I T Y B A R R E L S	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)	Q U A N T I T Y M C F	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)
PRIOR	19,276,814	31,809,708	4,438,965	2,290,643	114,931	14,366
1952	1,000,092	2,585,574	356,335	963,573	48,305	6,038
1953	1,094,341	2,764,027	373,028	864,588	43,352	5,419
1954	2,478,842	5,390,304	696,057	415,323	21,144	2,643
1955	2,417,817	5,671,742	733,863	601,943	31,047	3,881
1956	2,982,538	7,608,774	974,259	466,338	23,894	2,987
1957	3,132,138	8,813,029	1,124,108	543,343	27,814	3,477
1958	2,692,536	7,543,529	951,999	383,181	19,684	2,460
1959	2,538,589	6,922,561	879,194	218,572	11,329	1,416
1960	2,367,510	6,232,149	789,762	260,785	13,781	1,723
1961	1,900,147	4,928,671	633,960	143,962	8,080	1,010
1962	1,863,944	4,679,426	600,950	(7,707)	(438)	(68)
1963	2,011,997	5,146,668	654,601	26,838	3,680	458
1964	1,796,583	4,536,657	583,762	19,912	2,469	332
1965	1,914,875	4,802,903	658,500	53,349	4,353	681
1966	2,067,216	5,144,260	640,312	214,621	17,195	2,839
1967	2,024,438	5,121,030	616,492	230,310	19,196	3,182
1968	2,168,293	5,684,058	703,834	215,348	17,769	2,944
1969	2,894,299	8,170,399	1,019,285	272,914	23,185	3,749
1970	3,374,551	9,528,718	1,149,821	400,117	39,048	5,464
1971	3,666,075	12,923,754	1,772,413	873,768	84,790	13,349
1972	2,790,738	9,130,564	1,190,553	532,973	105,798	15,500
1973	2,433,133	8,925,338	1,151,540	296,995	56,618	8,209
1974	1,903,867	10,316,096	1,519,670	448,144	93,679	14,239
1975	1,700,362	10,433,578	1,516,477	643,276	258,563	39,459
1976	1,579,955	16,461,675	2,519,891	718,352	288,662	41,682
1977	1,413,640	15,907,587	2,258,164	1,384,972	915,956	145,969
1978	1,490,070	16,237,288	2,306,842	1,619,867	1,517,852	232,726
TOTALS	78,966,525	243,420,067	32,814,637	15,096,300	3,811,736	576,134

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,507,093	118,921	4,955	--	--	--
1952	724,213	53,280	2,220	--	--	--
1953	816,526	59,836	2,493	--	--	--
1954	489,233	34,574	1,441	--	--	--
1955	408,977	33,786	1,408	--	--	--
1956	370,017	29,326	1,222	--	--	--
1957	511,091	41,349	1,723	--	--	--
1958	365,557	26,742	1,114	--	--	--
1959	172,409	11,636	485	--	--	--
1960	235,044	15,492	646	--	--	--
1961	118,851	7,579	316	--	--	--
1962-64	--	--	--	--	--	--
1965	32,248	2,081	347	--	--	--
1966	188,371	10,985	479	--	--	--
1967	219,455	13,492	650	--	--	--
1968	209,134	11,527	640	--	--	--
1969	279,938	15,176	842	--	--	--
1970	218,749	9,340	519	--	--	--
1971	969,518	52,511	2,917	--	--	--
1972	535,359	33,772	2,225	--	--	--
1973	354,334	18,881	960	7,072	709	119
1974	558,268	66,420	3,477	--	--	--
1975	724,911	120,355	6,220	--	--	--
1976	968,259	163,928	8,026	--	--	--
1977	1,206,250	225,604	12,351	--	--	--
1978	1,159,414	235,209	12,813	--	--	--
TOTALS	13,403,294	1,411,802	70,489	7,072	709	119

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	Q U A N T I T Y B A R R E L S	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)	Q U A N T I T Y M C F	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)
1975	(12)	(172)	(29)	--	--	--
1976	--	--	--	--	--	--
1977	--	--	--	19	10	1
1978	--	--	--	--	--	--
TOTALS	12	172	29	19	10	1

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	23,074,610	32,043,560	4,458,286
1952	2,687,938	2,687,159	364,593
1953	2,775,455	2,867,215	380,940
1954	3,343,403	5,446,022	700,141
1955	3,428,737	5,735,575	739,152
1956	3,818,943	7,661,994	978,468
1957	4,186,572	8,882,192	1,129,308
1958	3,431,274	7,589,955	955,573
1959	2,929,670	6,945,526	881,095
1960	2,863,339	6,261,422	792,131
1961	2,162,970	4,944,330	635,286
1962	1,856,237	4,678,988	600,882
1963	2,038,835	5,150,348	655,059
1964	1,816,495	4,539,126	584,094
1965	2,000,472	4,809,337	659,528
1966	2,470,208	5,172,440	643,630
1967	2,474,203	5,153,718	620,324
1968	2,592,780	5,713,354	707,418
1969	3,447,151	8,208,760	1,023,876
1970	3,993,827	9,577,106	1,155,804
1971	5,509,361	13,061,055	1,788,679
1972	3,959,070	9,270,134	1,208,278
1973	3,091,534	9,001,546	1,160,828
1974	2,910,279	10,476,195	1,537,386
1975	3,069,037	10,812,324	1,562,127
1976	3,266,566	16,914,265	2,569,599
1977	4,004,881	17,049,157	2,416,485
1978	4,269,351	17,990,349	2,552,381
TOTALS	107,473,198	248,644,152	33,461,351

OIL AND GAS OPERATIONS

ALL LANDS

NEBRASKA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	27,053	71,986	10,670	--	--	--
1953	4,513	12,946	1,974	--	--	--
1954	1,299	3,776	575	--	--	--
1955	--	--	--	--	--	--
1956	4,973	12,550	1,599	--	--	--
1957	--	--	--	--	--	--
1958	513	1,377	172	--	--	--
1959	(301)	(822)	(104)	--	--	--
1960	28,353	80,671	5,042	50,239	5,723	358
1961	3,735	10,757	660	55,135	6,243	390
1962	22,075	63,202	8,527	131,897	17,500	752
1963	4,243	13,185	1,672	142,415	16,350	1,720
1964	8,565	23,524	3,750	16,908	1,936	242
1965	7,127	22,276	3,231	64,518	6,723	1,032
1966	4,542	12,369	1,700	194,090	19,925	3,162
1967	20,160	44,212	2,442	224,519	22,917	3,733
1968	5,340	15,897	2,112	241,270	24,377	3,903
1969	3,596	10,278	1,366	172,215	17,681	2,774
1970	2,533	7,366	976	89,590	9,523	1,426
1971	34,314	289,460	48,110	258,022	42,998	7,065
1972	59,293	198,449	31,648	839,629	152,196	25,233
1973	52,861	218,624	29,600	915,251	183,189	30,285
1974	48,155	381,478	33,412	1,066,784	240,355	39,935
1975	104,460	1,095,780	54,519	1,288,179	668,675	111,453
1976	132,845	1,493,508	95,306	1,044,564	581,802	96,967
1977	68,299	699,431	59,979	737,379	539,543	89,924
1978	50,954	589,996	68,858	887,724	963,696	160,616
TOTALS	750,106	5,372,276	467,796	8,420,328	3,521,352	580,970

OIL AND GAS OPERATIONS

ALL LANDS

NEBRASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	338,159	55,841	3,675	--	--	--
1972	2,302,198	153,312	10,846	--	--	--
1973	2,577,650	192,771	13,387	--	--	--
1974	4,383,987	535,818	47,634	--	--	--
1975	2,882,034	302,025	25,648	8,746	2,187	364
1976	1,967,319	214,506	18,222	--	--	--
1977	1,848,303	297,896	25,306	--	--	--
1978	1,406,117	366,158	24,587	--	--	--
TOTALS	18,205,767	2,118,327	169,305	8,746	2,187	364

OIL AND GAS OPERATIONS

ALL LANDS

NEBRASKA

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	27,053	71,986	10,670
1953	4,613	12,946	1,974
1954	1,299	3,776	575
1955	--	--	--
1956	4,973	12,550	1,599
1957	--	--	--
1958	513	1,377	172
1959	(301)	(822)	(104)
1960	78,597	86,394	5,400
1961	58,870	17,000	1,050
1962	153,972	80,702	9,279
1963	146,658	29,535	3,392
1964	25,473	25,460	3,992
1965	71,645	28,999	4,263
1966	198,632	32,294	4,862
1967	244,679	67,129	6,175
1968	247,110	40,274	6,015
1969	175,811	27,959	4,140
1970	92,123	16,889	2,402
1971	1,180,495	388,299	58,850
1972	3,201,120	503,957	67,727
1973	3,545,762	594,584	73,272
1974	5,498,927	1,157,651	120,981
1975	4,283,419	2,068,667	191,984
1976	3,144,728	2,289,816	210,495
1977	2,653,981	1,536,870	175,209
1978	2,344,795	1,919,850	254,061
TOTALS	27,384,947	11,014,142	1,218,435

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEBRASKA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	4,973	12,550	1,599	--	--	--
1957	--	--	--	--	--	--
1958	513	1,377	172	--	--	--
1959	(301)	(822)	(104)	--	--	--
1960-61	--	--	--	--	--	--
1962	17,232	50,786	7,735	--	--	--
1963	3,078	10,059	1,447	--	--	--
1964	5,565	15,967	2,805	--	--	--
1965	5,155	16,794	2,587	45,827	4,583	764
1966	2,479	7,053	1,379	--	--	--
1967	2,685	7,753	857	--	--	--
1968	26	77	9	--	--	--
1969-70	--	--	--	--	--	--
1971	82,307	234,755	47,459	204,110	37,247	6,208
1972	47,254	162,419	27,070	798,517	146,813	24,469
1973	50,503	210,403	28,520	872,124	175,775	29,296
1974	44,852	359,159	30,564	1,041,584	236,261	39,377
1975	104,465	1,101,975	55,237	1,278,232	664,736	110,789
1976	132,069	1,488,799	94,658	1,042,513	581,056	96,843
1977	67,803	695,869	59,534	735,540	538,966	89,828
1978	50,637	586,025	68,362	887,724	963,696	160,616
TOTALS	621,545	5,010,998	429,890	6,906,171	3,349,133	558,190

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEBRASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	838,159	55,841	3,675	--	--	--
1972	2,302,198	153,312	10,846	--	--	--
1973	2,577,650	192,771	13,387	--	--	--
1974	4,382,801	535,580	47,604	--	--	--
1975	2,883,220	302,263	25,678	8,746	2,187	364
1976	1,967,319	214,506	18,222	--	--	--
1977	1,848,303	297,896	25,306	--	--	--
1978	1,406,117	366,158	24,587	--	--	--
TOTALS	18,205,757	2,118,327	169,305	8,746	2,187	364

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEBRASKA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	4,973	12,550	1,599
1957	--	--	--
1958	513	1,377	172
1959	(301)	(822)	(104)
1960-61	--	--	--
1962	17,282	50,786	7,735
1963	3,078	10,059	1,447
1964	5,565	15,967	2,805
1965	50,982	21,377	3,351
1966	2,479	7,053	1,379
1967	2,685	7,753	857
1968	26	77	9
1969-70	--	--	--
1971	1,125,076	377,843	57,342
1972	3,147,969	462,544	62,385
1973	3,500,377	578,949	71,203
1974	5,469,237	1,131,000	117,545
1975	4,274,663	2,071,161	192,068
1976	3,141,901	2,284,361	209,723
1977	2,651,646	1,532,731	174,668
1978	2,344,478	1,915,879	253,565
TOTALS	25,742,629	10,480,645	1,157,749

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEBRASKA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1960	28,358	80,671	5,042	50,239	5,723	358
1961	3,735	10,757	660	55,135	6,243	390
1962	4,793	12,416	792	131,897	17,500	752
1963	1,105	3,126	225	142,415	16,350	1,720
1964	3,000	7,557	945	16,908	1,936	242
1965	1,972	5,482	644	18,691	2,140	268
1966	2,063	5,316	321	32,946	3,811	476
1967	17,475	36,459	1,585	16,264	2,092	262
1968	4,177	10,990	1,374	31,844	3,845	481
1969	2,540	7,059	882	34,342	4,164	521
1970	1,788	5,062	633	31,812	3,858	482
1971	1,215	3,707	463	19,881	2,411	301
1972	10,823	31,876	3,984	18,930	3,208	401
1973	1,675	6,031	754	28,030	5,934	742
1974	2,738	19,743	2,468	13,732	2,970	371
1975	(434)	(8,361)	(1,045)	237	(179)	(22)
1976	529	2,727	341	--	--	--
1977	495	3,562	445	--	--	--
1978	317	3,971	496	--	--	--
TOTALS	88,475	248,151	21,009	643,303	82,006	7,745

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEBRASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	--	--	--	78,597	86,394	5,400
1961	--	--	--	58,870	17,000	1,050
1962	--	--	--	136,690	29,916	1,544
1963	--	--	--	143,580	19,476	1,945
1964	--	--	--	19,908	9,493	1,187
1965	--	--	--	20,663	7,622	912
1966	--	--	--	35,009	9,127	797
1967	--	--	--	33,739	38,551	1,847
1968	--	--	--	36,021	14,835	1,855
1969	--	--	--	35,882	11,223	1,403
1970	--	--	--	33,600	8,920	1,115
1971	--	--	--	21,096	6,118	764
1972	--	--	--	29,753	35,084	4,385
1973	--	--	--	29,705	11,965	1,496
1974	1,136	238	30	17,706	22,951	2,869
1975	(1,186)	(238)	(30)	(1,383)	(8,778)	(1,097)
1976	--	--	--	529	2,727	341
1977	--	--	--	496	3,562	445
1978	--	--	--	317	3,971	496
TOTALS)	0	0	731,778	330,157	28,754

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

NEBRASKA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	27,053	71,986	10,670	--	--	--
1953	4,613	12,946	1,974	--	--	--
1954	1,299	3,776	575	--	--	--
1955-65	--	--	--	--	--	--
1965	--	--	--	161,144	16,114	2,686
1967	--	--	--	208,255	20,825	3,471
1968	1,637	4,830	729	209,426	20,532	3,422
1969	1,056	3,219	484	137,873	13,517	2,253
1970	745	2,304	343	57,778	5,665	944
1971	292	998	188	34,031	3,340	556
1972	1,216	4,154	594	22,182	2,175	363
1973	583	2,190	326	15,097	1,480	247
1974	515	2,576	380	11,468	1,124	187
1975	429	2,166	327	9,710	4,118	686
1976	247	1,982	307	2,051	746	124
1977	--	--	--	1,839	577	96
1978	--	--	--	--	--	--
TOTALS	39,685	113,127	16,897	870,854	90,213	15,035

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

NEBRASKA

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	27,053	71,986	10,670
1953	4,613	12,946	1,974
1954	1,299	3,776	575
1955-65	--	--	--
1966	161,144	16,114	2,686
1967	208,255	20,825	3,471
1968	211,063	25,362	4,151
1969	138,929	16,736	2,737
1970	58,523	7,969	1,287
1971	34,323	4,338	744
1972	23,398	6,329	957
1973	15,680	3,670	573
1974	11,984	3,700	567
1975	10,139	6,284	1,013
1976	2,298	2,728	431
1977	1,839	577	96
1978	--	--	--
TOTALS	910,540	203,340	31,932

OIL AND GAS OPERATIONS

ALL LANDS
PUBLIC LANDS ONLY

NEVADA

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	31,130	79,148	4,484	31,180	79,148	4,484
1955	60,531	153,179	8,776	60,684	153,179	8,776
1956	60,257	152,064	13,015	60,257	152,064	13,015
1957	38,431	106,802	8,315	38,431	106,802	8,315
1958	35,413	61,265	7,658	35,413	61,265	7,658
1959	30,075	52,026	6,503	30,075	52,026	6,503
1960	24,359	42,142	5,247	24,369	42,142	5,247
1961	150,222	262,920	32,865	150,222	262,920	32,865
1962	136,801	241,311	30,164	136,801	241,311	30,164
1963	96,478	142,215	17,592	96,478	142,215	17,592
1964	237,123	328,413	41,052	237,123	328,413	41,052
1965	205,039	278,422	34,803	205,039	278,422	34,803
1966	286,146	361,706	45,220	286,146	361,706	45,220
1967	274,241	371,755	46,469	274,241	371,755	46,469
1968	269,392	429,500	53,688	269,392	429,500	53,688
1969	238,647	382,317	47,790	238,647	382,317	47,790
1970	149,092	257,423	32,178	149,092	257,423	32,178
1971	107,301	209,328	26,166	107,301	209,328	26,166
1972	98,936	193,403	24,175	98,936	193,403	24,175
1973	91,335	198,922	24,865	91,885	198,922	24,865
1974	131,600	735,568	91,946	131,600	735,568	91,946
1975	111,243	740,360	92,545	111,243	740,360	92,545
1976	138,795	959,605	119,951	138,795	959,605	119,951
1977	647,382	6,340,701	792,588	647,382	6,340,701	792,588
1978	1,157,846	10,882,594	1,360,324	1,157,846	10,882,594	1,360,324
TOTALS	4,308,578	23,963,089	2,968,379	4,808,578	23,963,089	2,968,379

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	178,095,248	262,747,444	24,122,421	570,953,923	41,918,385	2,981,943
1952	12,810,590	29,459,606	3,412,747	121,076,925	9,916,128	1,005,008
1953	14,413,141	35,456,129	4,039,363	147,887,941	13,415,923	1,409,300
1954	14,149,258	35,976,838	4,225,966	187,293,781	20,231,621	2,274,828
1955	16,183,136	40,920,698	4,882,735	195,443,989	21,583,194	2,468,877
1956	18,288,633	46,215,775	5,614,037	237,620,976	26,136,131	2,993,088
1957	20,222,259	55,166,199	6,935,706	329,709,115	37,557,774	4,404,347
1958	25,153,245	72,932,447	8,646,899	338,243,200	36,934,430	4,607,288
1959	30,440,727	83,921,960	10,111,526	337,754,255	39,958,340	4,964,858
1960	37,472,564	102,675,226	12,558,193	381,432,992	46,898,615	5,877,922
1961	42,023,256	116,392,845	14,243,912	381,485,988	48,097,719	5,994,783
1962	39,187,751	110,632,462	13,616,729	369,237,815	47,265,353	5,859,076
1963	39,485,562	109,863,937	13,705,086	397,611,299	51,707,511	6,412,783
1964	39,679,780	109,363,661	13,629,715	459,390,742	61,341,820	7,662,954
1965	43,743,325	120,663,733	15,256,400	507,883,537	68,887,296	8,541,525
1966	43,686,426	119,911,978	15,164,904	577,240,029	87,180,091	9,882,012
1967	43,950,162	123,548,606	15,641,407	656,323,158	79,105,457	9,910,521
1968	40,280,086	114,055,289	14,393,876	692,417,350	97,493,925	12,180,464
1969	41,355,372	123,587,011	15,548,425	626,699,877	91,084,582	11,436,496
1970	44,235,573	136,680,537	17,300,767	632,214,615	95,246,948	11,925,165
1971	41,502,252	135,114,178	16,947,679	655,799,302	100,508,162	12,587,182
1972	37,120,857	123,314,463	15,234,654	634,750,431	119,970,683	14,978,953
1973	31,833,357	125,378,793	15,461,069	639,081,973	148,906,344	18,624,731
1974	35,321,625	246,913,004	31,328,386	748,217,073	205,039,480	25,977,826
1975	29,468,224	245,097,118	31,504,044	663,212,461	230,238,372	28,927,937
1976	31,951,133	276,312,197	35,198,330	745,368,018	375,398,965	47,157,600
1977	29,788,163	264,240,583	33,773,749	696,395,286	562,163,461	71,128,105
1978	25,881,052	291,077,429	37,270,144	686,326,538	703,812,455	88,766,876
TOTALS	1,049,874,257	3,658,620,146	449,768,869	13,617,072,589	3,458,000,165	430,932,448

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

CALENDAR YEARS	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	346,369,433	19,626,258	766,768	306	7,346	459
1952	53,981,403	3,371,761	115,937	--	--	--
1953	66,037,245	4,692,917	145,283	--	--	--
1954	67,723,406	4,629,189	98,485	323	7,766	485
1955	74,980,387	4,973,278	103,056	--	--	--
1956	80,383,384	5,441,921	136,883	--	--	--
1957	89,086,138	6,047,031	171,695	--	--	--
1958	90,210,908	4,747,410	196,574	--	--	--
1959	101,546,173	5,087,917	213,184	--	--	--
1960	159,606,225	7,250,141	308,558	--	--	--
1961	197,941,422	8,122,191	343,177	696	9,291	387
1962	225,351,922	8,480,060	372,040	2,542	30,488	1,308
1963	215,803,797	8,598,655	367,595	1,623	20,117	855
1964	229,175,423	8,994,785	388,875	1,953	21,854	933
1965	213,580,565	8,899,077	382,809	1,760	21,431	921
1966	227,578,160	10,633,773	456,578	2,333	46,642	2,001
1967	338,898,458	11,881,411	482,307	6,041	105,725	7,705
1968	171,627,051	11,500,592	532,490	11,139	198,304	16,412
1969	245,253,659	9,034,179	386,799	6,545	82,241	6,708
1970	250,555,802	12,489,405	535,335	10,245	58,501	4,384
1971	261,361,833	13,286,942	570,161	11,988	54,083	4,008
1972	231,419,831	12,125,660	523,199	74,810	45,053	3,452
1973	253,033,466	16,210,024	692,780	(50,720)	43,070	2,800
1974	237,657,724	24,824,620	1,073,126	10,869	100,306	6,302
1975	181,196,412	20,051,578	946,305	5,786	120,040	7,055
1976	174,321,234	26,378,074	1,237,682	6,420	133,214	15,577
1977	8,717,384	29,189,404	1,416,102	6,862	229,597	8,832
1978	201,453,714	33,757,101	1,553,883	(848,128)	530,093	25,688
TOTALS	4,996,057,856	340,325,354	14,517,666	736,607	1,865,162	116,272

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	1,252	8,824	1,067	103,371	41,054	5,296
1976	192	2,010	241	140,088	64,459	16,571
1977	779	8,526	972	189,778	135,385	17,445
1978	350	4,221	511	239,045	220,145	65,942
TOTALS	2,573	23,581	2,791	672,282	461,043	105,254

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR	1,096,018,960	324,299,433	27,871,591
1952	187,869,018	42,747,495	4,533,692
1953	228,338,327	53,564,969	5,593,946
1954	269,176,778	60,845,414	6,599,764
1955	286,608,162	67,477,170	7,454,668
1956	336,293,598	77,793,827	8,744,008
1957	439,017,522	99,771,004	11,511,748
1958	453,607,353	114,614,287	13,450,761
1959	469,841,155	128,968,217	15,289,568
1960	578,511,781	156,823,982	18,744,673
1961	621,451,362	172,622,046	20,572,259
1962	634,330,030	166,408,363	19,849,153
1963	652,902,681	170,190,220	20,486,319
1964	728,251,904	179,722,120	21,682,477
1965	765,209,688	198,471,537	24,181,655
1966	848,506,888	217,772,484	25,505,495
1967	1,039,177,819	214,542,199	26,041,940
1968	904,335,626	223,248,110	27,123,242
1969	913,315,453	223,788,013	27,378,428
1970	927,066,635	244,475,391	29,765,651
1971	958,675,425	248,963,365	30,109,030
1972	903,365,929	255,455,859	30,740,258
1973	923,898,086	290,538,231	34,781,380
1974	1,021,707,291	476,877,410	58,385,640
1975	873,987,510	495,556,986	61,391,704
1976	952,287,135	678,288,919	83,626,001
1977	735,098,252	855,966,956	106,345,205
1978	914,052,581	1,029,401,444	127,683,044
TOTALS	19,662,952,949	7,469,295,451	895,443,300

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	175,108,871	257,586,822	23,477,342	532,224,742	39,742,659	2,709,975
1952	12,671,219	29,079,434	3,365,225	99,903,426	8,333,644	807,197
1953	14,290,440	35,097,063	3,994,480	136,215,382	12,532,360	1,298,855
1954	14,001,964	35,542,781	4,171,709	174,065,447	18,996,633	2,120,454
1955	16,009,707	40,411,878	4,819,132	182,421,011	20,238,334	2,300,078
1956	17,013,238	45,205,579	5,487,866	222,059,860	24,440,796	2,780,988
1957	19,449,258	54,050,655	6,671,263	302,169,043	34,411,010	4,010,924
1958	22,555,808	65,824,964	7,747,598	295,978,716	32,039,696	3,995,350
1959	24,516,594	68,271,382	8,144,776	294,899,708	34,574,245	4,290,664
1960	30,457,213	84,329,585	10,262,911	337,672,102	41,312,812	5,176,495
1961	35,560,025	99,157,145	12,087,256	338,956,054	42,677,581	5,304,823
1962	35,319,230	98,900,683	12,145,004	333,031,053	42,621,586	5,276,552
1963	35,385,785	99,331,722	12,366,799	359,280,735	46,645,840	5,779,420
1964	35,363,972	98,317,464	12,206,909	412,337,650	54,861,971	6,855,082
1965	37,855,990	105,292,556	13,225,617	452,819,411	61,607,504	7,630,047
1966	38,041,127	105,021,142	13,167,663	517,396,902	79,176,029	8,869,699
1967	38,592,577	109,235,320	13,716,618	593,740,570	70,823,288	8,859,799
1968	35,727,249	101,615,673	12,697,491	628,327,223	88,491,849	11,039,268
1969	38,009,359	114,093,326	14,257,104	564,523,483	82,574,116	10,359,855
1970	40,991,577	127,255,865	16,016,225	561,423,094	84,853,408	10,609,368
1971	37,933,258	124,547,589	15,447,585	590,436,333	90,919,574	11,372,262
1972	34,329,962	114,472,896	14,003,388	565,840,632	107,783,088	13,438,051
1973	29,098,111	114,363,197	13,842,202	580,451,597	135,255,803	16,885,103
1974	32,179,319	221,037,407	27,458,705	685,918,135	186,393,563	23,585,480
1975	26,610,101	218,077,883	27,402,407	607,709,974	210,119,495	26,271,836
1976	29,343,570	256,047,812	32,283,219	683,307,246	339,317,495	42,466,067
1977	27,761,717	243,500,147	30,842,847	638,466,460	500,146,316	62,564,996
1978	24,835,974	267,265,260	33,820,660	631,957,264	635,478,742	79,483,390
TOTALS	360,434,365	3,332,933,230	405,130,001	12,323,539,253	3,126,369,437	386,142,078

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	334,148,740	19,092,026	699,981	--	--	--
1952	53,344,875	3,340,881	112,077	--	--	--
1953	65,751,351	4,678,406	143,469	--	--	--
1954	57,581,901	4,625,792	98,061	--	--	--
1955	74,980,537	4,973,278	103,056	--	--	--
1956	80,383,934	5,441,921	136,883	--	--	--
1957	89,086,133	6,047,031	171,695	--	--	--
1958	90,210,003	4,747,410	196,574	--	--	--
1959	101,646,173	5,087,917	213,184	--	--	--
1960	149,802,815	6,915,028	294,580	--	--	--
1961	178,011,252	7,482,411	316,506	696	9,291	387
1962	209,118,115	7,999,068	351,959	2,542	30,488	1,308
1963	204,083,205	8,231,284	352,299	1,623	20,117	855
1964	224,365,105	8,856,005	383,104	1,953	21,854	933
1965	204,323,935	8,794,519	378,452	1,760	21,431	921
1966	225,560,817	10,568,648	453,853	2,333	46,642	2,001
1967	337,741,159	11,835,548	480,358	6,041	105,725	7,705
1968	170,791,297	11,472,059	531,303	11,139	198,304	16,412
1969	244,784,366	9,018,824	386,159	6,545	82,241	6,708
1970	250,298,545	12,481,665	535,012	10,245	58,501	4,384
1971	250,701,480	13,263,736	569,193	11,988	54,083	4,008
1972	231,059,084	12,113,135	522,667	74,810	45,053	3,452
1973	252,803,773	16,200,843	692,381	(50,720)	43,070	2,800
1974	237,451,687	24,815,285	1,072,723	10,869	100,306	6,302
1975	180,533,041	19,911,288	940,333	5,786	120,040	7,055
1976	177,329,850	25,756,101	1,204,227	6,420	133,214	15,577
1977	8,530,914	29,092,333	1,409,856	6,862	229,597	8,832
1978	201,378,531	33,754,262	1,553,904	(848,128)	530,093	25,688
TOTALS	4,908,444,561	336,596,704	14,303,849	737,236	1,850,050	115,328

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	1,083	7,712	928	86,537	32,220	4,011
1976	192	2,010	241	190,160	43,612	13,886
1977	779	8,526	972	163,034	97,380	12,212
1978	350	4,221	511	177,429	162,021	56,823
TOTALS	2,404	22,469	2,652	527,160	335,233	86,932

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PERIOD

1952	1,041,482,353	316,421,507	26,887,298
1953	165,919,521	40,753,959	4,284,499
1954	216,257,183	52,307,829	5,436,804
1955	255,749,312	59,165,206	6,390,224
1956	273,411,705	55,623,490	7,222,266
1957	320,357,082	75,089,296	8,405,737
1958	410,704,439	94,508,696	10,853,882
1959	408,755,432	102,612,070	11,939,522
1960	421,062,475	107,933,544	12,648,624
1961	517,932,131	132,557,425	15,733,986
1962	552,534,037	149,326,428	17,708,972
1963	577,470,940	149,551,825	17,774,823
1964	598,757,348	154,229,963	18,499,373
1965	672,073,680	162,057,294	19,446,028
1966	700,501,097	175,716,010	21,235,037
1967	781,001,179	194,812,461	22,493,216
1968	970,080,347	191,999,881	23,064,480
1969	834,856,908	201,777,885	24,284,474
1970	847,324,263	205,768,507	25,009,826
1971	852,723,461	224,649,439	27,154,989
1972	889,083,099	228,784,982	27,393,048
1973	831,344,488	234,414,172	27,967,558
1974	862,302,761	265,862,913	31,422,486
1975	955,560,010	432,346,561	52,123,210
1976	814,946,527	448,268,638	54,626,570
1977	887,587,548	621,300,244	75,983,217
1978	674,929,766	773,074,299	94,839,715
	857,501,420	937,194,599	114,940,976

TOTALS

18,192,210,512 6,798,107,123 805,780,840

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEW MEXICO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	--	--	--	--	--	181
1957	--	--	--	--	--	76
1958	--	--	--	--	--	92
1959	--	--	--	--	--	66
1960	--	--	--	--	--	60
1961	--	--	--	--	--	113
1962	21	38	5	7,527	1,160	146
1963	7,153	11,409	719	5,458	711	89
1964	36	86	11	7,754	1,047	131
1965	15	39	5	6,862	961	120
1966	9	20	3	5,621	775	97
1967	26	65	8	4,875	693	117
1968	1,917	5,554	697	59,909	9,078	1,135
1969	2,741	9,475	1,184	78,706	12,013	1,502
1970	1,539	5,084	635	53,966	8,237	1,030
1971	849	2,970	371	2,986	439	55
1972	279	973	122	61,567	9,832	1,229
1973	104	407	51	6,966	1,541	193
1974	9	57	7	5,895	1,453	182
1975	3,919	46,352	5,794	326,659	203,658	25,457
1976	4,355	41,262	5,158	566,188	629,926	78,098
1977	4,495	53,320	6,665	681,426	1,110,514	138,812
1978	3,778	48,614	6,070	525,137	866,749	108,344
TOTALS	24,457	225,785	27,502	2,408,502	2,858,787	357,325

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEW MEXICO

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	0	0	181
1957	0	0	76
1958	0	0	92
1959	0	0	66
1960	0	0	60
1961	0	0	113
1962	7,548	1,198	151
1963	9,621	12,180	808
1964	7,790	1,133	142
1965	6,878	1,000	125
1966	5,630	795	100
1967	4,901	758	125
1968	61,826	14,632	1,829
1969	81,647	21,488	2,686
1970	55,505	13,321	1,665
1971	3,835	3,409	426
1972	61,846	10,805	1,351
1973	7,070	1,948	244
1974	5,904	1,510	189
1975	330,578	250,010	31,251
1976	570,544	671,188	83,256
1977	685,921	1,163,834	145,477
1978	529,915	915,363	114,414
TOTALS	2,436,959	3,084,572	384,827

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	2,986,377	5,160,622	645,079	38,729,181	2,175,726	271,968
1952	139,771	380,172	47,522	21,173,499	1,582,484	197,811
1953	122,701	359,066	44,883	11,672,559	883,563	110,445
1954	147,304	434,057	54,257	13,228,334	1,234,988	154,374
1955	173,779	508,820	63,603	13,022,978	1,344,860	168,799
1956	375,400	1,010,196	126,171	15,561,116	1,695,335	211,919
1957	773,011	2,115,544	264,443	27,540,072	3,146,764	393,347
1958	2,587,437	7,107,483	899,301	42,264,484	4,894,734	611,846
1959	5,924,133	15,650,578	1,966,750	42,854,547	5,384,095	674,128
1960	7,013,351	18,345,641	2,295,282	43,760,890	5,585,803	701,367
1961	6,457,231	17,235,700	2,156,656	42,529,934	5,420,138	679,847
1962	4,463,500	11,731,741	1,471,720	36,199,235	4,642,607	582,378
1963	4,005,013	10,520,745	1,337,568	38,319,106	5,060,960	633,274
1964	4,310,772	11,046,111	1,422,795	47,045,338	6,478,802	807,741
1965	5,837,320	15,371,138	2,030,778	55,057,264	7,278,831	911,358
1966	5,645,290	14,890,816	1,997,238	59,837,506	8,003,287	1,012,216
1967	5,357,559	14,313,221	1,924,781	62,577,713	8,282,476	1,050,605
1968	4,550,920	12,434,062	1,695,691	64,030,218	8,992,998	1,140,061
1969	3,343,062	9,484,210	1,290,137	62,097,688	8,498,453	1,075,139
1970	3,292,857	9,419,588	1,283,907	70,737,555	10,385,303	1,314,767
1971	2,558,105	10,563,619	1,499,723	65,359,983	9,588,149	1,214,865
1972	2,790,515	9,840,594	1,231,144	68,848,232	12,177,763	1,539,673
1973	2,735,152	11,015,189	1,618,816	58,623,410	13,649,000	1,739,435
1974	3,642,237	25,875,540	3,869,674	62,293,043	19,644,464	2,392,164
1975	2,354,203	26,972,883	4,095,843	55,175,828	19,915,219	2,630,644
1976	2,103,107	20,223,123	2,909,953	61,494,584	35,451,544	4,613,435
1977	2,021,351	20,687,116	2,924,237	57,247,400	60,906,631	8,424,297
1978	2,041,310	23,763,555	3,443,414	53,843,137	67,466,964	9,175,142
TOTALS	89,411,430	325,461,131	44,611,366	1,291,124,834	338,771,941	44,433,045

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TCNS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	12,320,743	534,232	66,787	306	7,346	459
1952	136,527	30,880	3,860	--	--	--
1953	285,834	14,511	1,814	--	--	--
1954	51,505	3,397	424	323	7,766	485
1955-59	--	--	--	--	--	--
1960	9,803,409	335,113	13,978	--	--	--
1961	19,930,150	639,780	26,671	--	--	--
1962	16,223,307	480,992	20,081	--	--	--
1963	11,720,592	367,371	15,296	--	--	--
1964	4,814,324	138,780	5,771	--	--	--
1965	3,756,629	104,558	4,357	--	--	--
1966	2,017,283	65,125	2,725	--	--	--
1967	1,157,299	45,863	1,949	--	--	--
1968	835,754	28,533	1,187	--	--	--
1969	468,793	15,355	640	--	--	--
1970	257,257	7,740	323	--	--	--
1971	660,403	23,206	968	--	--	--
1972	320,747	12,525	532	--	--	--
1973	229,593	9,181	399	--	--	--
1974	206,037	9,335	403	--	--	--
1975	653,371	140,290	5,972	--	--	--
1976	491,424	621,973	33,455	--	--	--
1977	186,470	97,071	6,246	--	--	--
1978	75,183	2,839	(21)	--	--	--
TOTALS	87,623,244	3,728,650	213,817	629	15,112	944

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	164	1,112	139	16,834	8,834	1,285
1976	--	--	--	39,928	20,847	2,685
1977	--	--	--	26,744	38,005	5,233
1978	--	--	--	61,616	58,124	9,119
TOTALS	164	1,112	139	145,122	125,810	18,322

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR

54,536,607	7,877,926	984,293
21,949,497	1,993,536	249,193
12,081,144	1,257,140	157,142
13,427,466	1,680,208	209,540
13,196,457	1,853,680	232,402
15,936,516	2,705,531	338,090
28,313,083	5,262,308	657,790
44,851,921	12,002,217	1,511,147
48,778,680	21,034,673	2,640,878
60,579,650	24,266,557	3,010,627
68,917,325	23,295,618	2,863,174
56,901,542	16,855,340	2,074,179
54,135,712	15,949,077	1,986,138
56,170,434	17,663,693	2,236,307
64,701,713	22,754,527	2,946,493
67,500,079	22,959,228	3,012,179
69,092,571	22,641,560	2,977,335
69,416,892	21,455,593	2,836,939
65,909,543	17,998,018	2,365,916
74,287,669	19,812,631	2,598,997
69,588,491	20,174,974	2,715,556
71,959,595	21,030,882	2,771,349
61,588,255	24,673,370	3,358,650
66,141,377	44,529,339	6,262,241
58,710,405	47,038,338	6,733,883
64,129,043	56,317,487	7,559,528
59,482,565	81,728,823	11,360,013
56,021,246	91,291,482	12,627,654

TOTALS

1,468,305,478	668,103,756	89,277,633
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OIL AND GAS OPERATIONS

ALL LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	2,491	2,491	299	4,417,072	331,914	24,598
1952	--	--	--	295,340	24,636	1,618
1953	7,341	18,027	1,813	291,447	25,814	1,624
1954	204,443	496,759	54,296	274,470	29,746	1,693
1955	471,033	1,280,344	161,705	392,435	43,587	2,727
1956	728,557	2,113,196	270,498	411,050	47,815	2,684
1957	1,032,029	3,223,704	360,215	652,004	99,688	3,953
1958	1,404,121	4,259,081	470,644	1,149,632	58,512	6,385
1959	1,420,722	4,173,376	469,034	1,209,718	76,601	8,700
1960	1,323,453	5,230,490	577,104	2,174,048	139,452	14,591
1961	2,368,505	6,460,068	697,016	3,750,722	205,504	14,821
1962	2,764,131	7,490,955	781,530	1,036,083	73,575	16,495
1963	2,916,333	7,731,388	855,462	2,453,843	217,976	24,577
1964	2,721,393	7,118,874	856,812	2,793,594	198,963	23,518
1965	2,811,424	7,472,169	869,012	2,702,782	180,932	20,894
1966	3,305,353	8,478,156	1,011,363	3,231,455	235,928	27,169
1967	2,787,834	9,591,435	1,025,128	3,821,905	276,985	32,794
1968	3,115,541	8,211,346	951,870	4,057,692	268,606	32,631
1969	2,497,321	6,631,743	763,976	3,110,951	206,268	24,960
1970	2,080,509	5,792,808	689,332	2,244,702	145,771	17,616
1971	2,181,330	6,587,789	787,043	2,103,492	208,125	24,663
1972	2,162,032	6,553,505	779,650	1,622,591	227,614	27,706
1973	2,317,513	8,356,239	1,005,416	1,021,685	116,101	14,146
1974	2,508,332	15,521,185	1,841,519	998,518	144,603	17,136
1975	2,376,582	22,485,200	3,022,292	854,636	319,873	38,661
1976	3,013,730	24,623,405	3,351,845	896,626	318,222	38,513
1977	2,974,014	25,044,338	3,130,618	1,087,152	475,463	57,970
1978	3,118,975	27,957,762	3,398,817	957,426	444,242	51,331
TOTALS	35,522,876	232,960,332	28,160,309	50,028,071	5,143,516	574,174

OIL AND GAS OPERATIONS

ALL LANDS

N. DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	5,456,599	119,970	4,052	1,880	34,621	592
1962	(1,922,633)	49,099	1,366	(690)	(7,566)	89
1963	352,513	16,222	805	109	1,672	30
1964	(27,898)	(1,307)	(26)	(136)	(1,910)	(2)
1965	120,593	6,590	198	1	7	1
1966	50,535	3,423	126	--	--	--
1967	56,347	3,013	119	--	--	--
1968	35,772	4,090	170	--	--	--
1969	19,381	822	34	--	--	--
1970-71	--	--	--	--	--	--
1972	1,353,300	68,828	7,226	140	1,247	22
1973	1,388,017	81,778	22	116	960	94
1974	3,532,797	1,248,723	118,046	913	10,291	253
1975	2,234,823	357,093	14,702	6,853	16,086	441
1976	2,568,574	506,017	21,305	542	9,350	233
1977	2,498,960	379,883	15,651	545	7,961	172
1978	1,296,019	142,846	5,887	57	192	16
TOTALS	19,224,100	2,987,100	189,683	10,330	72,911	1,941

OIL AND GAS OPERATIONS

ALL LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	1,551	11,963	1,286	102,229	53,178	6,647
1976	213	1,153	143	713,007	541,980	62,122
1977	102	545	66	796,257	1,238,579	142,058
1978	227	1,466	156	439,640	646,732	78,285
TOTALS	2,578	15,127	1,651	2,051,133	2,480,469	289,112

OIL AND GAS OPERATIONS

ALL LANDS

N. DAKOTA

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	4,419,563	334,405	24,897
1952	295,340	24,636	1,618
1953	298,787	44,841	3,437
1954	478,919	526,505	55,989
1955	863,473	1,323,931	164,432
1956	1,140,007	2,161,011	249,182
1957	1,684,033	3,327,892	364,168
1958	2,553,753	4,317,593	477,029
1959	2,630,440	4,249,977	477,734
1960	3,997,501	5,369,942	591,695
1961	11,587,906	6,820,163	716,481
1962	1,875,935	7,606,063	799,480
1963	5,723,303	7,967,258	880,874
1964	5,486,954	7,314,620	880,302
1965	5,634,904	7,659,697	890,105
1966	6,597,999	8,717,512	1,038,658
1967	7,666,086	9,871,438	1,058,041
1968	7,259,105	8,484,042	984,671
1969	5,627,653	6,888,833	788,970
1970	4,325,311	5,938,579	706,948
1971	4,289,822	6,795,914	811,706
1972	5,138,123	6,851,194	814,604
1973	4,727,331	8,555,078	1,019,678
1974	7,141,160	16,924,802	1,976,954
1975	6,127,484	23,243,393	3,084,029
1976	7,197,797	26,000,127	3,474,161
1977	7,357,036	27,146,769	3,346,535
1978	5,812,415	29,193,240	3,534,492
TOTALS	127,939,140	243,659,455	29,216,870

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIME	2,491	2,491	299	4,417,072	331,914	24,598
1952	--	--	--	295,340	24,636	1,618
1953	7,340	18,027	1,813	291,447	26,814	1,624
1954	71,857	182,428	20,936	251,654	27,464	1,408
1955	141,934	358,271	54,761	330,819	36,702	1,920
1956	159,219	401,803	59,792	344,745	37,944	1,990
1957	154,465	429,270	55,772	312,908	35,634	1,712
1958	197,665	585,492	67,683	372,533	18,888	2,123
1959	195,737	594,724	63,160	381,234	20,129	2,279
1960	273,975	755,863	89,419	490,497	24,345	2,756
1961	591,481	1,493,503	140,688	1,027,715	54,972	3,980
1962	1,059,239	2,630,671	251,755	202,516	11,563	3,671
1963	1,278,304	3,096,408	322,955	643,999	43,467	4,886
1964	1,097,552	2,709,903	291,567	782,284	48,483	5,649
1965	1,025,035	2,503,135	274,509	709,047	42,643	4,859
1966	1,082,430	2,641,590	299,721	702,049	41,118	4,975
1967	1,209,140	2,979,815	338,988	618,080	39,663	4,661
1968	1,124,910	2,848,048	299,141	601,317	35,919	4,335
1969	919,823	2,434,466	247,009	504,587	29,562	3,529
1970	701,113	1,913,760	217,426	463,459	25,269	2,992
1971	780,255	2,321,733	263,413	402,021	35,115	4,285
1972	779,275	2,328,234	262,871	319,998	34,297	4,199
1973	916,051	3,339,650	387,181	359,645	24,810	2,906
1974	1,158,635	7,691,473	886,892	380,420	28,097	3,279
1975	1,341,519	11,438,768	1,498,433	370,472	81,939	9,553
1976	1,508,849	13,336,290	1,713,021	440,325	151,606	18,253
1977	1,268,625	10,673,370	1,228,592	457,626	174,143	20,735
1978	1,313,521	11,393,680	1,276,759	401,952	129,509	14,903
TOTALS	20,372,173	91,102,866	10,614,556	16,875,761	1,616,645	163,678

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1961	3,300,112	22,757	1,923	1,256	20,595	278
1962	(2,776,313)	12,841	325	(854)	(10,426)	36
1963	217,13)	9,991	280	51	605	12
1964-67	--	--	--	--	--	--
1968	(33)	(2)	--	--	--	--
1969-71	--	--	--	--	--	--
1972	126,033	6,277	261	51	453	8
1973	129,044	6,948	735	48	416	43
1974	350,230	184,273	19,417	144	1,615	36
1975	317,353	47,665	2,008	127	2,132	46
1976	349,345	108,297	4,513	68	1,211	23
1977	311,434	49,966	2,082	82	881	17
1978	35,934	12,768	664	12	41	1
TOTALS	3,119,730	461,781	32,208	985	17,523	500

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	1,855	11,364	1,217	42,723	22,225	2,778
1976	55	365	44	543,536	392,409	46,047
1977	63	329	39	494,953	769,483	86,527
1978	297	1,466	156	217,234	274,252	32,793
TOTALS	2,231	13,524	1,456	1,298,446	1,458,369	168,145

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRICE

1952	4,419,563	334,405	24,897
1953	295,340	24,636	1,618
1954	298,787	44,841	3,437
1955	323,521	209,892	22,344
1956	472,753	394,973	56,681
1957	503,964	439,747	61,782
1958	467,374	464,904	57,484
1959	570,198	604,380	69,806
1960	577,021	614,853	65,439
1961	764,472	780,208	92,175
1962	5,420,554	1,591,827	146,869
1963	(1,505,912)	2,644,649	255,787
1964	2,139,484	3,150,471	328,133
1965	1,879,945	2,758,386	297,216
1966	1,735,133	2,545,778	279,368
1967	1,784,479	2,682,708	304,696
1968	1,827,220	3,019,478	343,649
1969	1,726,194	2,883,965	303,476
1970	1,424,410	2,454,028	250,538
1971	1,164,572	1,939,029	220,418
1972	1,182,276	2,356,848	267,698
1973	1,225,362	2,369,261	267,339
1974	1,404,798	3,371,824	390,865
1975	1,899,430	7,905,458	909,624
1976	2,074,155	11,604,093	1,514,035
1977	3,042,189	13,990,178	1,781,901
1978	2,532,833	11,668,172	1,337,992
	2,019,250	11,811,716	1,325,276

TOTALS

41,669,376	94,670,708	10,980,543
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OIL AND GAS OPERATIONS

ACQUIRED LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	55,636	152,002	13,059	--	--	--
1955	223,435	639,526	67,573	7,470	1,470	130
1956	27,512	1,327,937	129,715	29,504	6,219	237
1957	540,191	2,056,985	209,918	237,701	53,899	972
1958	749,159	2,249,545	224,955	671,868	27,646	2,765
1959	527,329	1,818,082	185,803	567,917	30,400	3,162
1960	925,255	2,633,959	257,601	1,168,318	71,941	6,439
1961	1,196,211	3,257,329	342,671	2,179,029	111,862	6,007
1962	1,101,353	3,110,410	311,041	188,877	12,094	6,583
1963	1,096,227	3,039,175	330,966	1,144,089	118,444	12,614
1964	986,145	2,713,314	351,294	1,358,140	111,767	13,000
1965	1,273,991	3,379,513	393,622	1,429,250	100,921	11,306
1966	1,773,766	4,366,611	525,766	2,007,165	152,222	16,817
1967	2,121,657	5,321,030	522,320	2,515,275	192,638	22,516
1968	1,527,918	3,954,474	473,307	2,248,583	155,796	18,654
1969	1,296,943	3,384,259	407,190	1,888,920	118,955	14,211
1970	1,163,589	3,210,021	386,432	1,321,437	79,863	9,543
1971	1,209,024	3,625,164	441,679	1,317,282	139,343	16,165
1972	1,193,353	3,592,263	435,853	1,080,759	154,281	18,601
1973	1,234,357	4,391,639	538,289	452,433	52,563	6,396
1974	1,189,289	6,997,089	848,267	350,673	65,461	7,474
1975	1,405,613	10,351,055	1,434,858	319,635	204,564	24,934
1976	1,406,622	10,683,276	1,561,480	265,870	122,363	14,709
1977	1,624,216	13,870,331	1,938,089	367,175	237,495	29,242
1978	1,710,512	15,997,528	2,049,465	365,942	259,645	29,541
TOTALS	28,094,572	116,122,517	14,281,223	23,584,312	2,581,842	292,018

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N. DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	1,656,587	97,213	2,129	624	14,026	314
1962	854,174	36,258	1,041	164	2,860	53
1963	135,383	6,231	525	58	1,067	18
1964	(27,358)	(1,307)	(26)	(136)	(1,910)	(2)
1965	120,693	6,590	198	1	7	1
1966	50,585	3,428	125	--	--	--
1967	56,347	3,018	119	--	--	--
1968	85,305	4,092	170	--	--	--
1969	19,381	822	34	--	--	--
1970-71	--	--	--	--	--	--
1972	194,078	9,939	388	89	794	14
1973	175,535	9,359	476	28	237	12
1974	1,690,462	843,989	89,136	727	8,358	179
1975	1,514,513	224,577	9,143	706	12,427	232
1976	1,526,001	302,223	12,813	432	7,495	142
1977	1,257,330	234,384	9,583	433	6,888	134
1978	575,539	81,801	3,206	18	48	4
TOTALS	9,896,072	1,852,717	129,061	3,144	52,297	1,101

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N.DAKOTA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	105	599	69	59,506	30,953	3,869
1976	153	788	99	169,471	149,571	16,075
1977	39	216	27	301,304	469,096	55,531
1978	--	--	--	222,406	372,480	45,492
TOTALS	297	1,603	195	752,687	1,022,100	120,967

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N. DAKOTA

CALENDAR
YEAR

<- TOTAL ALL PRODUCTS ->

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

1954	55,686	152,002	13,069
1955	230,905	640,996	67,703
1956	457,116	1,334,156	129,952
1957	877,882	2,110,884	210,890
1958	1,421,027	2,277,191	227,720
1959	1,195,246	1,848,482	188,965
1960	2,093,584	2,705,900	264,040
1961	5,032,451	3,480,430	351,121
1962	2,144,568	3,161,612	318,718
1963	2,375,757	3,164,917	344,123
1964	2,316,252	2,821,864	364,266
1965	2,823,935	3,487,031	405,127
1966	3,776,617	4,522,261	542,709
1967	4,794,289	5,516,686	544,955
1968	3,862,306	4,114,362	492,131
1969	3,205,249	3,504,036	421,435
1970	2,485,126	3,289,884	395,975
1971	2,526,306	3,764,507	457,844
1972	2,468,284	3,757,277	454,856
1973	1,862,351	4,453,798	545,173
1974	3,231,151	7,914,897	945,056
1975	3,300,083	10,824,275	1,473,105
1976	3,368,549	11,265,716	1,605,318
1977	3,550,497	14,818,410	1,932,606
1978	2,875,967	16,711,502	2,127,708

TOTALS

62,331,184

121,643,076

14,824,565

OIL AND GAS OPERATIONS

INDIAN LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1954	76,895	162,329	20,291	22,816	2,282	285
1955	105,559	282,547	39,371	54,146	5,415	677
1956	142,126	383,456	56,991	36,801	3,652	457
1957	237,382	741,949	94,525	101,395	10,155	1,269
1958	457,297	1,424,044	178,006	105,231	11,978	1,497
1959	597,505	1,760,570	220,071	260,567	26,072	3,259
1960	624,212	1,840,668	230,084	315,233	43,166	5,396
1961	580,913	1,709,236	213,657	553,978	38,670	4,834
1962	593,589	1,749,874	218,734	644,690	49,928	6,241
1963	542,307	1,595,805	201,541	665,755	56,065	7,077
1964	637,585	1,695,657	213,951	653,170	38,713	4,869
1965	511,351	1,589,520	200,881	554,485	37,368	4,729
1966	514,562	1,469,955	185,876	522,241	42,588	5,377
1967	457,027	1,290,590	163,820	587,550	44,684	5,617
1968	462,813	1,408,824	179,422	1,207,792	75,891	9,642
1969	280,555	863,018	109,777	717,444	57,751	7,220
1970	215,407	669,027	85,474	459,806	40,639	5,081
1971	192,061	640,892	81,951	389,189	33,667	4,213
1972	189,459	633,008	80,926	221,834	39,036	4,906
1973	167,093	624,950	79,946	209,607	38,728	4,844
1974	161,007	832,623	106,360	267,425	51,045	6,383
1975	129,750	695,377	89,001	164,529	33,370	4,174
1976	103,259	603,839	77,344	190,431	44,253	5,551
1977	81,173	500,637	63,937	262,351	63,825	7,993
1978	94,443	566,554	72,593	189,532	55,088	6,887
TOTALS	8,156,033	25,734,949	3,264,530	9,567,998	945,029	118,478

OIL AND GAS OPERATIONS

INDIAN LANDS

N. DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1972	1,033,134	52,612	6,577	--	--	--
1973	1,083,437	65,471	(1,189)	40	307	39
1974	1,582,105	220,461	9,493	42	318	38
1975	452,947	84,751	3,551	6,020	1,527	163
1976	493,327	95,497	3,979	42	644	68
1977	930,152	95,533	3,986	30	192	21
1978	523,195	48,277	2,017	27	103	11
TOTALS	6,208,343	662,602	28,414	6,201	3,091	340

OIL AND GAS OPERATIONS

INDIAN LANDS

N. DAKOTA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	99,712	164,611	20,576
1955	159,815	287,962	40,048
1956	178,927	387,108	57,448
1957	338,777	752,104	95,794
1958	562,528	1,436,022	179,503
1959	858,173	1,786,642	223,330
1960	1,139,445	1,883,834	235,480
1961	1,134,891	1,747,906	218,491
1962	1,238,279	1,799,802	224,975
1963	1,208,062	1,651,870	208,618
1964	1,290,756	1,734,370	218,820
1965	1,075,836	1,626,888	205,610
1966	1,036,903	1,512,543	191,253
1967	1,044,577	1,335,274	169,437
1968	1,670,605	1,485,715	189,064
1969	997,994	920,769	116,997
1970	675,613	709,666	90,555
1971	581,240	674,559	86,164
1972	1,444,477	724,656	92,409
1973	1,460,182	729,456	83,640
1974	2,010,579	1,104,447	122,274
1975	753,246	815,025	96,889
1976	787,059	744,233	86,942
1977	1,273,706	660,187	75,937
1978	917,198	670,022	81,508
TOTALS	23,938,580	27,345,671	3,411,762

OIL AND GAS OPERATIONS

ALL LANDS
ACQUIRED LANDS ONLY

OHIO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	475,398	1,224,024	213,466	1,074,001	270,879	22,870
1952	36,358	94,902	16,405	70,873	44,620	1,798
1953	27,508	76,018	12,697	55,878	35,903	1,404
1954	20,433	55,788	7,331	64,528	21,132	2,802
1955	19,555	55,971	6,922	58,248	11,459	1,442
1956	32,854	102,058	12,729	40,552	8,569	1,061
1957	51,480	166,697	20,341	33,903	7,688	898
1958	31,337	93,984	11,278	59,401	13,623	1,635
1959	14,740	42,578	5,335	38,705	8,202	1,024
1960	10,097	30,381	3,798	18,764	3,940	495
1961	8,396	26,757	3,366	16,909	3,518	441
1962	8,551	27,757	3,470	13,383	2,732	342
1963	7,714	24,940	3,113	102,509	26,970	3,375
1964	8,753	28,604	3,576	390,158	105,061	13,133
1965	6,235	19,912	2,489	298,997	80,636	10,079
1966	3,722	12,452	1,556	281,537	74,525	9,315
1967	3,837	12,705	1,588	202,489	53,600	6,700
1968	2,442	8,211	1,026	170,332	45,088	5,636
1969	3,625	12,147	1,518	216,713	57,365	7,171
1970	2,582	8,922	1,115	157,292	42,469	5,309
1971	3,069	10,645	1,331	154,406	44,386	5,548
1972	2,399	8,513	1,064	125,524	39,014	4,877
1973	1,767	7,796	974	150,941	47,722	5,965
1974	1,743	17,433	2,179	118,950	38,348	4,793
1975	1,592	23,940	2,993	115,274	57,965	7,246
1976	1,587	18,612	2,327	98,879	51,864	6,483
1977	1,390	20,303	2,538	117,534	65,823	8,228
1978	1,490	21,145	2,643	148,216	53,490	6,682
TOTALS	795,259	2,253,295	349,168	4,394,996	1,316,591	146,752

OIL AND GAS OPERATIONS

ALL LANDS

CHIP

ACQUIRED LANDS ONLY

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	1,549,899	1,494,903	236,336
1952	107,231	139,522	18,203
1953	83,486	111,921	14,101
1954	84,966	76,920	10,133
1955	77,803	67,430	8,364
1956	73,516	110,627	13,790
1957	35,783	174,385	21,239
1958	90,738	107,607	12,913
1959	53,445	50,880	6,359
1960	28,861	34,321	4,293
1961	25,305	30,275	3,807
1962	22,334	30,489	3,812
1963	110,223	51,910	6,488
1964	398,911	133,665	16,709
1965	305,232	100,548	12,568
1966	285,259	86,977	10,871
1967	206,326	66,305	8,288
1968	172,774	53,299	6,662
1969	220,338	69,512	8,689
1970	159,974	51,391	6,424
1971	157,475	55,031	6,879
1972	127,923	47,527	5,941
1973	152,708	55,518	6,939
1974	120,693	55,781	6,972
1975	119,966	81,905	10,239
1976	100,466	70,476	8,810
1977	118,924	86,126	10,766
1978	149,706	74,635	9,325
TOTALS	5,190,265	3,569,886	495,920

OIL AND GAS OPERATIONS

ALL LANDS

OKLAHOMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	143,601,557	235,492,461	26,907,921	113,903,922	4,891,041	674,536
1952	9,453,015	24,332,109	2,699,399	8,290,899	449,325	52,565
1953	10,077,223	27,303,860	3,054,339	7,943,868	595,018	69,686
1954	8,909,201	24,434,283	2,759,121	9,065,102	790,416	90,556
1955	8,802,671	24,415,604	2,624,256	10,633,365	944,990	105,428
1956	8,348,235	24,417,372	2,623,065	13,461,647	1,283,348	130,686
1957	9,054,625	27,362,402	2,914,526	14,749,871	1,432,631	138,051
1958	8,812,017	25,965,425	2,788,855	14,608,426	1,470,856	147,315
1959	9,495,345	25,590,827	2,704,558	15,212,224	1,556,149	151,699
1960	8,456,171	24,254,983	2,566,185	16,514,570	2,016,302	178,310
1961	8,197,842	24,112,161	2,515,996	18,105,570	2,186,307	241,535
1962	7,701,541	22,399,259	2,293,038	18,113,346	2,434,192	261,678
1963	7,311,275	22,337,798	2,256,968	18,174,959	2,376,550	278,972
1964	7,849,921	22,293,761	2,257,985	20,882,100	3,022,591	346,299
1965	7,431,564	20,797,637	2,449,543	19,679,982	2,720,138	341,649
1966	7,455,401	20,855,890	2,622,051	24,326,794	3,184,152	437,340
1967	8,192,353	23,931,015	2,998,377	28,417,585	4,217,863	540,027
1968	8,209,334	25,053,962	3,079,622	33,638,341	4,750,354	601,887
1969	7,863,322	25,257,525	3,099,249	41,844,743	6,007,000	767,569
1970	7,439,427	24,376,271	3,000,291	45,142,703	6,530,935	810,628
1971	7,197,313	25,138,109	3,120,366	38,454,695	5,893,595	745,005
1972	7,015,759	24,520,529	3,124,045	39,379,682	6,466,282	866,301
1973	5,601,137	23,414,351	2,941,850	45,922,807	9,325,086	1,161,933
1974	4,949,324	35,846,909	4,464,629	43,542,079	11,031,444	1,360,645
1975	5,065,075	44,657,396	5,744,144	33,544,100	13,066,942	1,684,349
1976	5,044,907	48,150,844	6,529,628	42,445,051	28,354,442	3,704,696
1977	4,311,224	43,706,633	5,696,213	41,688,139	38,849,114	5,150,744
1978	4,693,713	51,706,870	7,056,507	40,534,049	47,889,080	6,295,199
TOTALS	347,542,513	992,126,247	116,892,738	818,220,619	213,736,143	27,335,288

OIL AND GAS OPERATIONS

ALL LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	450,008,670	20,067,736	750,916	--	--	--
1952	33,103,913	1,885,691	69,495	--	--	--
1953	32,355,183	1,774,703	65,195	--	--	--
1954	35,501,049	1,580,320	56,580	--	--	--
1955	39,982,795	1,764,135	62,270	--	--	--
1956	46,049,852	2,099,136	72,621	--	--	--
1957	47,164,900	2,010,452	67,618	--	--	--
1958	43,122,571	2,166,404	72,406	--	--	--
1959	38,013,843	1,990,074	65,299	--	--	--
1960	37,201,127	1,900,812	63,481	--	--	--
1961	39,845,041	1,884,684	63,893	--	--	--
1962	32,386,082	1,506,237	52,231	--	--	--
1963	29,491,147	1,330,302	44,747	--	--	--
1964	29,514,377	1,306,715	45,011	--	--	--
1965	20,357,979	903,031	36,754	--	--	--
1966	17,702,407	869,362	39,781	--	--	--
1967	29,156,201	1,622,263	71,182	--	--	--
1968	6,218,837	213,057	13,557	--	--	--
1969	18,223,137	(482,559)	(16,339)	--	--	--
1970	18,090,452	2,355,838	100,690	--	--	--
1971	17,226,980	979,914	40,084	--	--	--
1972	18,376,747	1,341,081	61,116	--	--	--
1973	23,668,891	1,757,095	95,975	--	--	--
1974	3,373,873	1,454,842	64,737	--	--	--
1975	10,591,103	1,389,251	71,592	51	254	32
1976	10,366,719	5,139,878	89,000	--	--	--
1977	4,224,109	788,526	50,000	--	--	--
1978	1,364,858	280,321	37,960	30	369	62
TOTALS	1,135,534,933	61,883,310	2,313,734	81	623	94

OIL AND GAS OPERATIONS

ALL LANDS

OKLAHOMA

<----- G A S L O S T ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	--	--	--	707,514,559	260,451,238	28,333,273
1952	--	--	--	50,847,827	25,667,125	2,821,449
1953	--	--	--	50,577,274	29,673,581	3,189,220
1954	--	--	--	53,476,252	26,805,019	2,906,257
1955	--	--	--	59,418,831	27,126,729	2,791,954
1956	--	--	--	68,359,745	27,799,856	2,826,373
1957	--	--	--	70,969,396	30,805,485	3,120,195
1958	--	--	--	66,543,114	29,602,685	3,008,576
1959	--	--	--	62,722,017	29,137,050	2,921,556
1960	--	--	--	62,171,868	28,172,097	2,807,976
1961	--	--	--	66,148,453	28,185,152	2,821,424
1962	--	--	--	58,700,969	26,339,688	2,606,947
1963	--	--	--	55,477,381	26,044,650	2,580,687
1964	--	--	--	58,246,398	26,623,067	2,649,295
1965	--	--	--	47,469,525	24,420,806	2,827,946
1966	--	--	--	49,484,659	24,909,404	3,099,182
1967	--	--	--	65,766,144	29,771,141	3,609,586
1968	--	--	--	48,067,012	30,017,373	3,695,066
1969	--	--	--	67,931,199	30,781,967	3,850,479
1970	--	--	--	70,672,582	33,263,044	3,911,599
1971	--	--	--	62,879,494	32,011,618	3,911,457
1972	--	--	--	64,772,188	32,327,892	4,051,462
1973	--	--	--	75,192,835	34,496,532	4,199,758
1974	--	--	--	53,865,281	48,333,195	5,890,011
1975	1,562	70	163	49,201,891	59,113,913	7,500,280
1976	12,533	23,926	3,992	58,009,260	81,669,090	10,327,316
1977	18,855	28,219	4,700	50,242,328	93,372,501	10,901,657
1978	13,506	19,161	15,218	46,606,171	99,895,801	13,404,946
TOTALS	46,507	71,376	24,073	2,301,394,653	1,267,817,699	146,565,927

OIL AND GAS OPERATIONS

PUBLIC LANDS

OKLAHOMA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	5,184,263	7,130,154	993,236	1,443,420	116,063	12,305
1952	131,073	300,802	36,634	417,926	34,862	4,554
1953	150,537	369,715	46,578	499,620	45,967	6,597
1954	118,720	301,361	36,166	564,117	61,565	7,035
1955	106,053	267,700	32,740	689,432	76,488	8,487
1956	93,159	235,095	27,769	475,811	52,371	5,953
1957	112,247	311,941	38,788	495,409	56,417	6,425
1958	161,223	480,555	56,177	462,712	52,631	6,579
1959	149,013	448,365	50,441	476,498	57,954	7,244
1960	119,125	358,113	39,643	739,232	100,727	12,591
1961	122,081	358,755	36,306	842,346	127,069	15,884
1962	140,063	436,756	42,977	954,302	149,051	18,631
1963	153,331	512,757	47,431	1,414,338	233,373	28,612
1964	281,037	808,579	100,653	3,310,473	512,169	65,151
1965	302,775	863,959	106,959	4,032,779	638,331	80,530
1966	308,270	874,559	106,543	8,016,797	1,087,579	162,379
1967	343,768	1,024,892	122,736	8,299,816	1,304,568	164,528
1968	335,094	1,026,011	120,967	12,491,405	1,949,285	243,730
1969	294,326	927,706	109,419	14,066,425	2,230,456	278,925
1970	253,614	826,408	98,283	14,668,790	2,287,949	286,138
1971	380,251	1,295,820	160,154	14,809,787	2,396,640	300,142
1972	431,310	1,469,970	211,562	14,101,417	2,515,001	319,560
1973	257,506	1,173,109	134,979	14,347,818	2,688,643	337,629
1974	224,597	1,094,865	210,436	13,740,600	3,386,924	423,990
1975	172,035	1,521,709	185,366	12,419,400	3,744,376	468,322
1976	144,842	1,362,706	164,119	12,870,591	5,696,603	685,138
1977	227,253	2,479,202	263,445	13,759,556	11,285,620	1,390,273
1978	219,974	2,637,533	297,018	12,684,717	12,087,417	1,532,398
TOTALS	10,918,552	31,399,108	3,877,725	183,095,534	54,976,099	6,879,730

OIL AND GAS OPERATIONS

PUBLIC LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	9,286,903	582,988	30,299	--	--	--
1952	932,200	58,382	5,639	--	--	--
1953	1,094,599	77,884	6,331	--	--	--
1954	1,007,143	68,835	4,956	--	--	--
1955	1,125,826	74,673	5,442	--	--	--
1956	1,101,884	74,597	5,628	--	--	--
1957	905,699	61,477	4,925	--	--	--
1958	771,397	37,476	4,548	--	--	--
1959	507,519	28,393	3,288	--	--	--
1960	705,939	35,259	4,295	--	--	--
1961	483,600	23,393	2,873	--	--	--
1962	682,014	31,657	3,916	--	--	--
1963	534,053	25,459	3,030	--	--	--
1964	760,821	35,428	3,637	--	--	--
1965	779,370	36,758	3,839	--	--	--
1966	914,911	47,136	4,593	--	--	--
1967	1,089,490	60,939	5,450	--	--	--
1968	979,410	74,938	7,171	--	--	--
1969	1,431,797	70,458	5,429	--	--	--
1970	1,318,806	65,466	5,389	--	--	--
1971	1,821,540	98,749	6,889	--	--	--
1972	1,652,143	91,884	6,259	--	--	--
1973	1,582,664	116,925	8,147	--	--	--
1974	1,367,493	154,447	10,679	--	--	--
1975	1,158,055	131,381	7,839	51	254	32
1976	1,329,099	194,564	9,417	--	--	--
1977	328,928	60,411	3,992	--	--	--
1978	93,598	19,378	2,423	--	--	--
TOTALS	35,748,106	2,439,335	176,323	51	254	32

OIL AND GAS OPERATIONS

PUBLIC LANDS

OKLAHOMA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	--	--	--	15,914,586	7,829,205	1,035,840
1952	--	--	--	1,481,199	394,046	46,827
1953	--	--	--	1,744,756	493,567	59,606
1954	--	--	--	1,689,985	431,761	48,157
1955	--	--	--	1,921,311	418,861	46,669
1956	--	--	--	1,670,854	362,063	39,350
1957	--	--	--	1,513,355	429,835	50,138
1958	--	--	--	1,395,837	570,662	67,304
1959	--	--	--	1,133,030	534,712	60,973
1960	--	--	--	1,564,296	494,099	56,529
1961	--	--	--	1,448,027	509,217	55,063
1962	--	--	--	1,776,379	617,464	65,524
1963	--	--	--	2,102,222	771,599	79,073
1964	--	--	--	4,352,331	1,356,176	169,441
1965	--	--	--	5,115,424	1,539,048	191,328
1966	--	--	--	9,239,978	2,009,274	273,615
1967	--	--	--	9,733,074	2,390,399	292,714
1968	--	--	--	13,805,909	3,050,234	371,868
1969	--	--	--	15,792,548	3,228,620	393,773
1970	--	--	--	16,241,210	3,179,823	389,810
1971	--	--	--	17,011,688	3,791,209	467,185
1972	--	--	--	16,184,870	4,076,855	537,381
1973	--	--	--	16,188,088	3,878,677	480,755
1974	--	--	--	15,333,087	5,236,236	645,105
1975	1,054	18	149	13,750,595	5,397,738	661,708
1976	--	--	--	14,344,532	7,253,873	858,674
1977	410	81	10	14,316,147	13,825,314	1,657,720
1978	8,667	12,402	12,391	13,007,056	14,756,730	1,844,230
TOTALS	10,131	12,501	12,550	229,772,374	88,827,297	10,946,360

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OKLAHOMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,496,633	5,952,552	399,109	847,220	279,341	2,258
1952	7,289	19,026	903	2,431	1,531	4
1953	6,306	19,015	898	2,369	1,522	8
1954	10,543	29,051	1,437	1,028	337	3
1955	46,700	133,667	8,162	7,791	1,533	22
1956	76,033	236,118	3,737	9,448	1,991	14
1957	5,595	19,263	882	5	1	--
1958	4,050	11,879	594	177	12	1
1959	5,104	18,595	889	112,320	1,151	494
1960	19,850	53,911	2,081	2,329,200	329,341	11,790
1961	23,056	61,175	2,551	1,028,151	14,505	5,747
1962	52,319	141,411	4,596	911,249	118,319	4,626
1963	48,211	141,313	4,282	896,434	13,325	4,908
1964	63,825	171,201	8,523	748,491	111,005	5,771
1965	28,239	75,040	9,398	297,967	45,868	5,704
1966	65,305	180,803	23,738	779,500	113,849	14,368
1967	58,530	171,765	22,615	1,000,511	152,757	19,144
1968	60,783	182,992	25,153	1,038,402	156,058	19,515
1969	51,836	162,693	21,574	1,454,812	213,213	26,655
1970	35,551	112,806	14,051	1,283,005	197,840	24,739
1971	30,439	103,796	12,987	1,399,998	213,119	26,647
1972	34,465	117,188	14,652	1,422,017	228,381	28,660
1973	33,751	136,604	17,082	1,416,204	256,701	32,476
1974	26,787	217,363	27,178	1,363,963	343,147	42,798
1975	34,257	273,173	34,155	1,830,888	556,340	68,314
1976	42,573	401,840	50,236	1,715,301	674,540	83,119
1977	38,720	341,099	42,644	1,599,900	828,753	107,458
1978	37,473	381,323	48,991	2,896,013	3,535,582	446,496
TOTALS	3,446,083	9,866,662	803,098	26,394,795	8,390,062	981,739

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	9,383,937	456,618	6,833	--	--	--
1952	54,827	2,579	32	--	--	--
1953	42,268	7,066	23	--	--	--
1954	55,213	2,280	24	--	--	--
1955	168,445	7,646	106	--	--	--
1956	203,259	10,418	110	--	--	--
1957	70,470	4,534	29	--	--	--
1958	26,457	1,220	11	--	--	--
1959	16,513	700	8	--	--	--
1960	6,430	254	3	--	--	--
1961	6,737	245	3	--	--	--
1962	7,845	250	3	--	--	--
1963	4,033	145	2	--	--	--
1964	5,318	182	2	--	--	--
1965-67	--	--	--	--	--	--
1968	1,102	132	17	--	--	--
1969	--	--	--	--	--	--
1970	64	136	17	--	--	--
1971	--	89	11	--	--	--
1972	591	76	10	--	--	--
1973	1,116	100	13	--	--	--
1974	350	181	22	--	--	--
1975	42,080	11,050	1,388	508	52	14
1976	--	--	--	529	59	14
1977	156	203	25	--	--	--
1978	1,151	1,235	154	2,145	2,040	2,040
TOTALS	10,099,029	507,339	8,846	3,182	2,151	2,068

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OKLAHOMA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	12,727,845	6,688,511	408,200
1952	64,547	23,136	939
1953	51,543	27,603	929
1954	66,884	31,668	1,464
1955	222,936	142,846	8,290
1956	288,750	248,527	3,861
1957	76,470	23,798	911
1958	30,684	13,111	606
1959	134,937	20,446	1,391
1960	2,355,090	383,506	13,874
1961	1,057,944	75,925	8,301
1962	971,414	259,980	9,225
1963	948,678	154,783	9,192
1964	817,634	282,388	14,296
1965	326,206	120,908	15,102
1966	844,805	294,552	38,106
1967	1,059,091	324,522	41,759
1968	1,100,287	339,182	44,685
1969	1,506,648	375,906	48,229
1970	1,318,620	310,782	38,807
1971	1,430,437	317,004	39,645
1972	1,457,173	345,645	43,322
1973	1,451,071	393,405	49,571
1974	1,391,606	560,691	69,998
1975	1,907,733	840,615	103,871
1976	1,758,503	1,076,439	133,369
1977	1,638,776	1,170,055	150,127
1978	2,936,782	3,920,180	497,681
TOTALS	39,943,094	18,766,214	1,795,751

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

OKLAHOMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1966	--	--	--	64,086	9,665	1,611
1967	--	--	--	78,332	10,190	1,698
1968	4,345	14,487	2,414	118,503	19,495	3,249
1969	23,487	72,834	12,139	590,107	92,327	15,619
1970	12,530	39,533	6,589	432,278	67,204	10,971
1971	8,281	28,125	4,688	377,048	58,976	9,830
1972	6,502	22,228	3,705	256,906	42,252	7,164
1973	9,020	39,468	6,101	239,838	41,373	6,628
1974	7,116	54,030	8,003	210,886	37,955	6,326
1975	9,742	95,888	14,680	486,598	279,794	46,632
1976	14,385	168,272	26,382	437,948	419,344	69,892
1977	4,597	37,135	6,189	404,751	340,699	56,783
1978	5,373	79,553	13,259	376,793	293,222	48,870
TOTALS	106,628	651,553	104,209	4,074,074	1,712,496	285,273

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QJANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1966	--	--	--	64,086	9,665	1,611
1967	--	--	--	78,332	10,190	1,698
1968	--	--	--	123,348	33,982	5,663
1969	549,565	21,659	1,203	1,163,159	186,820	28,961
1970	538,101	121,624	1,612	982,909	228,361	19,172
1971	479,377	28,625	1,590	864,706	115,726	16,108
1972	336,454	22,243	1,236	599,962	86,723	12,105
1973	336,288	25,620	1,423	585,146	106,461	14,152
1974	279,084	36,926	2,051	497,086	128,911	16,440
1975	324,122	41,739	2,319	820,512	417,421	63,631
1976	208,838	306,292	1,507	661,771	893,908	97,781
1977	188,272	24,637	2,758	597,620	402,471	65,730
1978	207,420	41,838	6,899	589,586	414,613	69,028
TOTALS	3,447,521	671,203	22,598	7,628,223	3,035,252	412,080

OIL AND GAS OPERATIONS

INDIAN LANDS

OKLAHOMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	135,921,066	222,409,755	25,515,576	111,613,282	4,495,637	659,973
1952	9,314,553	24,012,281	2,661,862	7,870,542	412,932	48,007
1953	9,919,780	26,915,129	3,006,753	7,441,879	547,529	63,081
1954	8,779,333	24,103,871	2,721,518	8,499,957	728,514	83,518
1955	8,649,918	24,014,237	2,583,354	9,936,142	866,969	96,919
1956	8,679,044	23,946,159	2,591,560	12,976,388	1,228,986	124,719
1957	8,936,383	27,031,198	2,874,856	14,254,457	1,376,213	131,626
1958	8,646,739	25,472,991	2,732,084	14,145,537	1,418,213	140,735
1959	9,340,823	25,123,867	2,653,228	14,623,406	1,497,044	143,961
1960	8,317,535	23,842,959	2,524,451	13,446,138	1,586,234	153,929
1961	8,052,705	23,692,231	2,477,139	16,235,073	2,044,733	219,904
1962	7,509,159	21,821,092	2,245,465	16,247,795	2,166,822	238,421
1963	7,609,233	21,683,718	2,205,255	15,864,187	2,129,852	245,452
1964	7,505,059	21,313,981	2,148,809	16,823,136	2,399,417	275,377
1965	7,100,550	19,858,638	2,333,186	15,349,236	2,035,939	255,415
1966	7,081,326	19,800,528	2,491,680	15,466,411	1,973,059	258,982
1967	7,790,010	22,734,358	2,853,026	19,038,926	2,750,348	354,657
1968	7,809,112	23,830,472	2,931,088	19,990,031	2,625,516	335,393
1969	7,493,573	24,094,293	2,956,117	25,733,399	3,471,004	446,370
1970	7,137,732	23,397,524	2,881,368	28,758,630	3,977,942	488,780
1971	6,778,332	23,710,368	2,942,537	21,867,862	3,224,860	408,386
1972	6,543,382	22,911,143	2,894,126	23,599,342	3,680,648	510,917
1973	5,300,760	22,165,170	2,783,688	29,918,947	6,338,369	785,200
1974	4,690,427	33,880,651	4,218,952	28,226,630	7,263,418	887,531
1975	4,848,991	42,766,626	5,509,943	18,807,214	8,486,432	1,101,081
1976	4,842,407	46,218,026	6,288,891	27,421,211	21,563,955	2,866,547
1977	4,040,657	40,849,197	5,383,935	25,923,932	26,394,042	3,596,230
1978	4,430,358	48,608,461	6,697,239	24,576,526	31,972,859	4,267,435
TOTALS	333,071,245	950,208,924	112,107,706	604,656,216	148,657,486	19,188,546

OIL AND GAS OPERATIONS

INDIAN LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	431,337,780	19,028,130	713,684	--	--	--
1952	32,116,836	1,824,730	63,814	--	--	--
1953	31,419,316	1,689,753	58,841	--	--	--
1954	34,439,588	1,509,205	51,600	--	--	--
1955	38,688,524	1,683,816	56,722	--	--	--
1956	44,744,709	2,014,121	66,883	--	--	--
1957	46,188,731	1,944,441	62,664	--	--	--
1958	42,324,317	2,127,708	67,847	--	--	--
1959	37,489,816	1,960,981	62,003	--	--	--
1960	36,488,753	1,865,299	59,183	--	--	--
1961	39,354,704	1,863,046	61,017	--	--	--
1962	32,196,222	1,474,330	48,312	--	--	--
1963	28,953,051	1,304,698	41,715	--	--	--
1964	28,748,238	1,271,105	41,372	--	--	--
1965	19,578,109	866,273	32,915	--	--	--
1966	16,787,553	822,226	35,188	--	--	--
1967	28,066,711	1,561,324	65,732	--	--	--
1968	5,238,325	137,987	6,369	--	--	--
1969	16,241,772	(574,676)	(22,971)	--	--	--
1970	16,233,481	2,168,612	93,662	--	--	--
1971	14,925,557	852,451	37,596	--	--	--
1972	16,397,459	1,226,878	53,611	--	--	--
1973	21,748,823	1,614,450	86,392	--	--	--
1974	3,726,445	1,263,288	51,985	--	--	--
1975	9,066,846	1,205,081	60,046	--	--	--
1976	9,028,732	4,639,022	78,076	--	--	--
1977	3,706,753	703,284	43,225	--	--	--
1978	1,062,599	217,870	28,484	30	369	62
TOTALS	1,086,290,277	58,265,433	2,105,967	30	369	62

OIL AND GAS OPERATIONS

INDIAN LANDS

OKLAHOMA

CALENDAR YEAR	<----- G A S L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1951	--	--	--	678,872,128	245,933,522	26,889,233
1952	--	--	--	49,302,081	26,249,943	2,773,683
1953	--	--	--	48,780,975	29,152,411	3,128,685
1954	--	--	--	51,719,383	26,341,590	2,856,636
1955	--	--	--	57,274,584	26,565,022	2,736,995
1956	--	--	--	66,400,141	27,189,266	2,783,162
1957	--	--	--	69,379,571	30,351,852	3,069,146
1958	--	--	--	65,116,593	29,018,912	2,940,666
1959	--	--	--	61,454,050	28,581,892	2,859,192
1960	--	--	--	58,252,482	27,294,492	2,737,573
1961	--	--	--	63,642,482	27,600,010	2,758,060
1962	--	--	--	55,953,176	25,462,244	2,532,198
1963	--	--	--	52,426,481	25,118,268	2,492,422
1964	--	--	--	53,076,433	24,984,503	2,465,558
1965	--	--	--	42,027,895	22,760,850	2,621,516
1966	--	--	--	39,335,790	22,595,813	2,785,850
1967	--	--	--	54,895,647	27,046,030	3,273,415
1968	--	--	--	33,037,468	26,593,975	3,272,850
1969	--	--	--	49,468,844	26,990,621	3,379,516
1970	--	--	--	52,129,843	29,544,078	3,463,810
1971	--	--	--	43,572,663	27,787,679	3,388,519
1972	--	--	--	46,530,183	27,818,669	3,458,654
1973	--	--	--	56,968,530	30,117,989	3,655,280
1974	--	--	--	36,643,502	42,407,357	5,158,468
1975	--	--	--	32,723,051	52,458,139	6,671,070
1976	12,754	23,867	3,978	41,304,454	72,444,870	9,237,492
1977	18,446	28,138	4,690	33,689,785	67,974,661	9,028,080
1978	2,594	4,719	787	30,072,747	80,804,278	10,994,007
TOTALS	33,194	56,724	9,455	2,024,050,962	1,157,188,936	133,411,736

OIL AND GAS OPERATIONS

ALL LANDS
ACQUIRED LANDS ONLY

PENNSYLVAN

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	602	2,400	288	802	234	28
1959	25+	1,065	133	1,452	406	51
1960	80	367	46	468	130	16
1961	43	209	24	432	121	15
1962	--	--	--	936	262	33
1963	--	--	--	247,769	68,143	8,518
1964	--	--	--	1,383,158	570,047	47,547
1965	--	--	--	584,547	160,757	20,095
1966	--	--	--	221,126	58,455	7,307
1967	--	--	--	122,045	32,265	4,033
1968	--	--	--	51,902	13,724	1,716
1969	--	--	--	60,697	16,042	2,005
1970	--	--	--	49,087	13,505	1,688
1971	--	--	--	42,886	11,342	1,418
1972	--	--	--	27,684	7,320	915
1973-78	--	--	--	--	--	--
TOTALS	939	4,041	491	2,794,991	952,753	95,385

OIL AND GAS OPERATIONS

ALL LANDS
ACQUIRED LANDS ONLY

PENNSYLVANIA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	1,404	2,634	316
1959	1,716	1,471	184
1960	548	497	62
1961	475	330	39
1962	936	262	33
1963	247,769	68,143	8,518
1964	1,383,158	570,047	47,547
1965	584,547	160,757	20,095
1966	221,126	58,455	7,307
1967	122,045	32,265	4,033
1968	51,902	13,724	1,716
1969	60,697	16,042	2,005
1970	49,087	13,505	1,688
1971	42,886	11,342	1,418
1972	27,684	7,320	915
1973-78	--	--	--
TOTALS	2,795,980	956,794	95,876

OIL AND GAS OPERATIONS

ALL LANDS

S. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<--- G A S O L I N E A N D L P G --->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	16,876	34,089	4,261	--	--	--
1960	8,356	16,009	2,003	--	--	--
1961	10,190	19,048	2,381	--	--	--
1962	8,243	15,167	1,896	--	--	--
1963	5,783	11,080	1,385	--	--	--
1964	5,528	13,371	1,671	--	--	--
1965	4,839	9,311	1,164	--	--	--
1966	5,892	11,504	1,438	--	--	--
1967	4,372	8,835	1,104	--	--	--
1968	6,470	13,393	1,674	--	--	--
1969	4,418	9,825	1,228	--	--	--
1970	1,801	3,870	484	--	--	--
1971	72,656	211,017	26,451	5,745	16,832	2,104
1972	72,153	210,479	26,387	--	--	--
1973	58,246	195,674	24,459	--	--	--
1974	57,585	359,353	48,859	--	--	--
1975	39,534	298,369	42,055	--	--	--
1976	36,956	276,468	38,162	--	--	--
1977	65,711	612,449	81,723	--	--	--
1978	133,342	1,577,936	199,417	--	--	--
TOTALS	621,397	3,907,257	508,202	5,745	16,832	2,104

OIL AND GAS OPERATIONS

ALL LANDS

S. DAKOTA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	--	--	--	16,846	34,089	4,261
1960	--	--	--	8,356	16,009	2,003
1961	--	--	--	10,190	19,048	2,381
1962	--	--	--	8,243	15,167	1,896
1963	--	--	--	5,783	11,080	1,385
1964	--	--	--	6,928	13,371	1,671
1965	--	--	--	4,839	9,311	1,164
1966	--	--	--	5,892	11,504	1,438
1967	--	--	--	4,342	8,835	1,104
1968	--	--	--	6,470	13,393	1,674
1969	--	--	--	4,418	9,825	1,228
1970	--	--	--	1,801	3,870	484
1971	--	--	--	78,401	227,849	28,555
1972	--	--	--	72,159	210,479	26,387
1973	--	--	--	58,246	195,674	24,459
1974	--	--	--	57,685	359,363	48,859
1975	1,369	711	89	40,903	299,080	42,144
1976	898	476	60	37,854	276,944	38,222
1977	632	1,238	155	67,343	613,687	81,878
1978	644	961	120	133,986	1,578,897	199,537
TOTALS	3,543	3,386	424	630,685	3,927,475	510,730

OIL AND GAS OPERATIONS

PUBLIC LANDS

S. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<--- G A S O L I N E A N D L P G --->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	16,846	34,089	4,261	--	--	--
1960	8,356	16,009	2,003	--	--	--
1961	10,190	19,048	2,381	--	--	--
1962	8,243	15,167	1,896	--	--	--
1963	5,783	11,080	1,385	--	--	--
1964	6,928	13,371	1,671	--	--	--
1965	4,839	9,311	1,164	--	--	--
1966	5,392	11,504	1,438	--	--	--
1967	4,342	8,835	1,104	--	--	--
1968	6,470	13,393	1,674	--	--	--
1969	4,418	9,825	1,228	--	--	--
1970	1,801	3,870	484	--	--	--
1971	71,932	209,232	26,154	5,745	16,832	2,104
1972	71,416	208,652	26,082	--	--	--
1973	58,246	195,674	24,459	--	--	--
1974	48,093	264,838	33,105	--	--	--
1975	30,259	184,161	23,020	--	--	--
1976	29,251	190,004	23,751	--	--	--
1977	55,023	488,445	61,056	--	--	--
1978	128,942	1,525,742	190,718	--	--	--
TOTALS	577,315	3,432,250	429,034	5,745	16,832	2,104

OIL AND GAS OPERATIONS

PUBLIC LANDS

S.DAKOTA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	--	--	--	16,846	34,089	4,261
1960	--	--	--	8,356	16,009	2,003
1961	--	--	--	10,190	19,048	2,381
1962	--	--	--	8,243	15,167	1,896
1963	--	--	--	5,783	11,080	1,385
1964	--	--	--	6,928	13,371	1,671
1965	--	--	--	4,839	9,311	1,164
1966	--	--	--	5,892	11,504	1,438
1967	--	--	--	4,342	8,835	1,104
1968	--	--	--	6,470	13,393	1,674
1969	--	--	--	4,418	9,825	1,228
1970	--	--	--	1,801	3,870	484
1971	--	--	--	77,677	226,064	28,258
1972	--	--	--	71,416	208,652	26,082
1973	--	--	--	58,246	195,674	24,459
1974	--	--	--	48,093	264,838	33,105
1975	1,369	711	89	31,668	184,872	23,109
1976	398	476	60	30,149	190,480	23,811
1977	632	1,238	155	55,660	489,683	61,211
1978	644	961	120	129,586	1,526,703	190,838
TOTALS	3,543	3,386	424	586,603	3,452,468	431,562

OIL AND GAS OPERATIONS

INDIAN LANDS

S.DAKOTA

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	724	1,785	297	724	1,785	297
1972	743	1,827	305	743	1,827	305
1973	--	--	--	--	--	--
1974	9,592	94,525	15,754	9,592	94,525	15,754
1975	9,235	114,208	19,035	9,235	114,208	19,035
1976	7,705	86,464	14,411	7,705	86,464	14,411
1977	11,683	124,004	20,667	11,683	124,004	20,667
1978	4,400	52,194	8,699	4,400	52,194	8,699
TOTALS	44,082	475,007	79,168	44,082	475,007	79,168

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- C O N D E N S A T E ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	642,665	1,745,900	160,131	--	--	--
1952	4,251	11,122	706	--	--	--
1953	3,685	10,147	1,276	--	--	--
1954	20,741	56,615	7,720	--	--	--
1955	25,530	73,380	8,847	--	--	--
1956	219,132	657,704	97,823	--	--	--
1957	258,924	845,348	144,595	--	--	--
1958	184,592	613,682	103,020	--	--	--
1959	156,944	509,648	83,786	--	--	--
1960	177,043	579,880	92,251	--	--	--
1961	517,759	2,053,503	230,110	--	--	--
1962	416,549	1,356,926	178,004	--	--	--
1963	356,352	1,141,327	173,682	--	--	--
1964	536,094	1,691,951	271,572	--	--	--
1965	523,150	1,589,404	255,706	--	--	--
1966	1,309,090	4,007,355	659,610	--	--	--
1967	1,493,203	4,630,436	766,428	1,703,385	5,305,062	884,177
1968	2,012,503	6,422,657	1,061,532	1,377,985	4,454,244	742,372
1969	1,707,924	5,837,489	963,188	1,245,536	4,361,621	726,926
1970	1,253,293	4,380,039	722,615	1,146,941	4,098,461	683,077
1971	888,525	3,256,845	532,247	974,584	3,674,607	612,435
1972	1,083,594	4,060,897	664,929	827,995	3,197,222	532,081
1973	837,333	3,292,358	537,330	921,970	4,411,721	729,876
1974	570,779	3,231,040	519,576	929,212	7,307,134	1,201,746
1975	436,413	2,464,953	390,367	1,001,567	7,834,357	1,290,315
1976	875,555	7,970,517	1,283,536	288,863	3,611,930	602,046
1977	329,539	3,076,684	466,995	715,470	7,219,119	1,201,914
1978	1,054,335	10,699,545	1,715,782	1,167,534	13,634,861	2,272,490
TOTALS	17,901,842	76,267,352	12,093,364	12,301,042	69,110,339	11,479,455

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<- O I L A N D C O N D E N S A T E ->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	642,665	1,745,900	160,131	327,788	196,703	2,599
1952	4,261	11,122	706	475,318	97,128	3,668
1953	3,685	10,147	1,276	389,163	35,571	3,797
1954	20,741	56,615	7,720	871,360	200,669	8,157
1955	25,530	73,380	8,847	632,799	93,339	7,545
1956	219,132	657,704	97,823	918,369	142,085	12,275
1957	258,924	845,348	144,595	2,035,850	316,834	31,788
1958	184,592	613,682	103,020	1,441,710	180,021	24,721
1959	156,944	509,648	83,786	1,172,620	136,623	18,401
1960	177,048	579,880	92,251	1,558,454	248,390	32,946
1961	517,769	2,053,503	230,110	4,987,147	1,235,207	155,982
1962	416,549	1,356,926	178,004	3,987,373	749,360	120,762
1963	356,362	1,141,327	173,682	3,843,708	666,676	94,461
1964	536,134	1,691,951	271,572	4,147,021	669,052	103,951
1965	328,160	1,589,404	255,706	4,313,449	723,787	115,852
1966	1,309,090	4,007,355	659,610	46,958,512	7,675,364	1,273,973
1967	3,196,588	9,935,498	1,650,605	104,757,902	17,896,255	2,977,627
1968	3,390,588	10,876,901	1,803,904	114,165,492	18,509,797	3,080,257
1969	2,953,460	10,199,110	1,690,114	130,280,562	20,968,194	3,496,420
1970	2,400,234	8,478,500	1,405,692	136,453,655	21,354,145	3,554,867
1971	1,863,109	6,931,452	1,144,682	130,610,873	20,522,705	3,407,867
1972	1,911,689	7,258,119	1,197,010	150,160,057	25,320,678	4,216,833
1973	1,759,903	7,704,079	1,267,206	153,078,389	28,721,884	4,764,606
1974	1,499,391	10,538,174	1,721,322	162,648,358	32,229,625	5,352,693
1975	1,437,980	10,299,310	1,680,682	125,477,730	35,716,400	5,911,879
1976	1,164,413	11,582,447	1,885,582	93,778,209	29,583,714	4,915,428
1977	1,045,009	10,295,803	1,668,909	88,097,550	52,956,547	8,793,961
1978	2,222,369	24,334,406	3,988,272	232,944,923	287,097,083	47,764,836
TOTALS	30,202,834	145,377,691	23,572,819	1,700,514,341	604,243,836	100,248,152

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	256, + + 5	15,072	2,111	--	--	--
1952	3,367,786	158,411	6,255	--	--	--
1953	346,7+2	15,031	1,879	--	--	--
1954	339,852	12,004	1,500	--	--	--
1955	299,011	10,921	1,365	--	--	--
1956	604,611	27,165	2,118	--	--	--
1957	1,620,857	93,314	5,896	--	--	--
1958	927,704	47,177	4,210	--	--	--
1959	931,36+	46,553	4,216	--	--	--
1960	1,763,137	95,226	13,017	--	--	--
1961	4,945,253	256,182	44,618	--	--	--
1962	3,374,478	166,260	26,616	--	--	--
1963	4,076,134	196,001	29,357	--	--	--
1964	3,993,335	212,329	34,132	--	--	--
1965	3,715,726	191,818	31,279	--	--	--
1966	3,368,200	174,713	28,535	--	--	--
1967	3,794,393	213,286	34,802	--	--	--
1968	3,604,996	175,646	28,799	--	--	--
1969	3,384,734	124,342	20,325	--	--	--
1970	50,727,355	2,077,334	170,433	--	--	--
1971	88,632,533	3,836,217	301,589	--	--	--
1972	85,214,263	3,718,204	289,765	--	--	--
1973	79,928,709	3,841,073	304,042	--	--	--
1974	73,263,987	5,669,462	461,236	132	689	87
1975	35,637,21+	3,189,332	282,813	--	--	--
1976	25,840,106	4,004,143	492,821	--	--	--
1977	21,603,200	3,765,959	449,355	887	10,090	1,682
1978	4,984,071	898,498	118,346	1,616	19,608	3,264
TOTALS	510,552,233	33,231,673	3,191,430	2,635	30,387	5,033

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<----- G A S L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	1,226,899	1,957,675	164,841
1952	--	--	--	3,847,365	266,661	10,629
1953	--	--	--	739,590	60,749	6,952
1954	--	--	--	1,231,953	269,288	17,377
1955	--	--	--	957,340	177,640	17,757
1956	--	--	--	1,742,112	826,954	112,216
1957	--	--	--	3,915,631	1,255,496	182,279
1958	--	--	--	2,554,006	840,880	131,951
1959	--	--	--	2,260,928	692,824	106,403
1960	--	--	--	3,498,639	923,496	138,214
1961	--	--	--	10,451,179	3,544,892	430,710
1962	--	--	--	7,778,400	2,272,546	325,382
1963	--	--	--	8,276,204	2,004,004	297,500
1964	--	--	--	8,676,451	2,573,332	409,655
1965	--	--	--	8,557,335	2,505,009	402,837
1966	--	--	--	51,635,802	11,857,432	1,962,118
1967	--	--	--	111,748,883	28,045,039	4,663,034
1968	--	--	--	121,161,076	29,562,344	4,912,960
1969	--	--	--	136,618,756	31,291,646	5,206,859
1970	--	--	--	189,581,244	31,909,979	5,130,992
1971	--	--	--	221,106,520	31,290,374	4,854,138
1972	--	--	--	237,286,034	36,297,001	5,703,608
1973	--	--	--	234,767,001	40,267,036	6,335,854
1974	45,270	10,422	1,590	237,462,738	48,448,372	7,536,928
1975	74,316	14,113	2,098	162,627,240	49,219,155	7,877,472
1976	35,821	11,094	1,708	120,818,554	45,181,398	7,295,539
1977	108,034	93,562	15,589	110,854,740	67,121,961	10,929,496
1978	1,142,713	1,164,442	194,044	241,295,697	313,514,037	52,068,762
TOTALS	1,406,219	1,293,633	215,029	2,242,678,317	784,177,220	127,232,463

OIL AND GAS OPERATIONS

PUBLIC LANDS

TEXAS

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1971	24	--	--	24	--	--
1972-78	--	--	--	--	--	--
TOTALS	24	0	0	24	0	0

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- C O N D E N S A T E ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	1,955	5,905	979	--	--	--
1956	13,284	40,259	6,675	--	--	--
1957	5,792	19,889	3,296	--	--	--
1958	--	--	--	--	--	--
1959	257	847	141	--	--	--
1960	98	284	47	--	--	--
1961	--	--	--	--	--	--
1962	3,483	11,024	1,837	--	--	--
1963	52,804	159,764	26,627	--	--	--
1964	4,953	14,699	2,449	--	--	--
1965	3,747	10,042	1,666	--	--	--
1966	882,598	2,664,147	444,017	--	--	--
1967	1,162,401	3,625,423	604,236	1,703,385	5,305,062	884,177
1968	1,732,657	5,535,456	922,577	1,377,985	4,454,244	742,372
1969	1,514,315	5,191,533	865,045	1,245,536	4,361,621	726,926
1970	1,100,107	3,856,600	642,715	1,146,941	4,098,461	683,077
1971	710,453	2,610,868	431,713	974,584	3,674,607	612,435
1972	905,023	3,407,703	563,322	827,995	3,197,222	532,081
1973	695,859	2,717,407	449,665	921,970	4,411,721	729,876
1974	452,613	2,487,210	411,732	929,212	7,307,134	1,201,746
1975	338,569	1,815,153	299,518	1,001,567	7,834,357	1,290,315
1976	765,591	7,190,769	1,176,789	288,863	3,611,930	602,046
1977	193,567	1,896,955	312,836	715,470	7,219,119	1,201,914
1978	940,065	9,710,791	1,585,896	1,167,534	13,634,861	2,272,490
TOTALS	11,480,302	52,972,728	8,753,778	12,301,042	69,110,339	11,479,455

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	<- O I L A N D C O N D E N S A T E ->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	1,955	5,905	979	--	--	--
1956	13,284	40,259	6,675	--	--	--
1957	5,792	19,889	3,296	4,797	480	84
1958	--	--	--	--	--	--
1959	257	847	141	--	--	--
1960	58	284	47	--	--	--
1961	--	--	--	--	--	--
1962	3,483	11,024	1,837	--	--	--
1963	52,304	159,764	26,627	--	--	--
1964	4,553	14,699	2,449	--	--	--
1965	3,747	10,042	1,666	--	--	--
1966	882,593	2,664,147	444,017	42,059,386	6,915,584	1,152,598
1967	2,865,786	8,930,485	1,488,413	99,952,946	17,087,626	2,847,938
1968	3,110,642	9,989,700	1,664,949	109,910,787	18,072,163	3,012,028
1969	2,759,851	9,553,154	1,591,971	127,096,982	20,447,082	3,407,848
1970	2,247,043	7,955,061	1,325,792	133,300,404	20,816,080	3,469,347
1971	1,685,047	6,285,475	1,044,148	127,357,908	19,965,436	3,327,573
1972	1,733,013	6,604,925	1,095,403	147,156,459	24,773,734	4,128,957
1973	1,617,329	7,129,128	1,179,541	148,673,637	27,766,325	4,627,694
1974	1,381,825	9,794,344	1,613,478	159,979,401	31,695,920	5,282,655
1975	1,340,136	9,649,510	1,589,833	122,572,764	34,696,435	5,782,740
1976	1,054,507	10,802,699	1,778,835	92,582,425	29,148,079	4,858,005
1977	909,037	9,116,074	1,514,750	86,943,285	52,061,701	8,676,941
1978	2,107,599	23,345,652	3,858,386	231,857,450	285,943,974	47,652,320
TOTALS	23,791,344	122,083,067	20,233,233	1,629,448,631	589,390,619	98,226,728

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1970	47,255,294	1,925,020	145,721	--	--	--
1971	85,672,796	3,679,893	276,415	--	--	--
1972	82,440,797	3,570,724	265,883	--	--	--
1973	77,538,859	3,694,051	280,180	--	--	--
1974	71,605,533	5,514,277	437,017	132	689	87
1975	34,887,817	3,098,928	268,937	--	--	--
1976	24,957,844	3,888,403	475,139	--	--	--
1977	20,885,099	3,641,922	431,067	887	10,090	1,682
1978	4,551,631	804,765	105,315	1,604	19,518	3,253
TOTALS	449,895,680	29,817,983	2,685,674	2,623	30,297	5,022

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	--	--	--	1,956	5,905	979
1956	--	--	--	13,284	40,259	6,675
1957	--	--	--	10,589	20,369	3,380
1958	--	--	--	--	--	--
1959	--	--	--	257	847	141
1960	--	--	--	98	284	47
1961	--	--	--	--	--	--
1962	--	--	--	3,483	11,024	1,837
1963	--	--	--	52,804	159,764	26,627
1964	--	--	--	4,953	14,699	2,449
1965	--	--	--	3,747	10,042	1,666
1966	--	--	--	42,941,984	9,579,731	1,596,615
1967	--	--	--	102,818,732	26,018,111	4,336,351
1968	--	--	--	113,021,429	28,061,863	4,676,977
1969	--	--	--	129,856,833	30,000,236	4,999,819
1970	--	--	--	182,802,746	30,696,161	4,940,860
1971	--	--	--	214,715,751	29,930,804	4,648,136
1972	--	--	--	231,330,274	34,949,383	5,490,243
1973	--	--	--	227,930,335	38,589,504	6,087,415
1974	45,270	10,422	1,590	233,012,161	47,015,652	7,334,827
1975	74,298	14,105	2,094	158,875,015	47,458,978	7,643,604
1976	35,821	11,094	1,708	118,630,644	43,850,275	7,113,687
1977	108,058	93,510	15,582	108,846,366	64,923,297	10,640,022
1978	1,142,354	1,163,903	193,977	239,660,638	311,277,812	51,813,251
TOTALS	1,405,301	1,293,034	214,951	2,104,534,079	742,615,000	121,365,608

OIL AND GAS OPERATIONS

ACQUIRED LANDS

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	642,665	1,745,900	160,131	327,788	196,703	2,599
1952	4,261	11,122	706	82,929	52,210	313
1953	3,685	10,147	1,276	--	--	--
1954	20,741	56,615	7,720	480,387	157,321	4,057
1955	23,574	67,475	7,868	271,218	53,358	3,883
1956	55,892	173,571	13,181	375,396	79,125	3,308
1957	11,035	35,457	4,349	712,469	161,552	7,444
1958	8,917	26,110	3,133	455,437	57,063	6,277
1959	7,608	21,161	2,599	376,837	36,011	4,094
1960	16,040	46,063	3,851	544,567	67,844	6,153
1961	163,551	463,047	31,302	365,915	34,751	5,925
1962	152,431	464,849	29,471	197,296	24,179	2,993
1963	55,092	160,091	10,937	1,003,717	152,653	11,754
1964	40,458	109,733	8,261	755,612	87,450	8,152
1965	37,554	94,884	7,027	523,299	70,998	7,343
1966	38,324	109,614	10,572	602,763	78,809	8,020
1967	55,198	120,319	15,082	556,469	77,916	7,954
1968	50,093	145,266	15,609	567,814	78,121	8,358
1969	58,138	181,933	21,079	498,683	67,460	7,022
1970	41,295	131,876	14,846	505,575	69,688	7,525
1971	40,053	134,211	15,442	1,089,713	124,612	8,240
1972	41,528	142,278	16,582	414,989	51,631	5,348
1973	38,971	155,669	17,959	2,186,046	509,738	62,713
1974	42,705	327,414	38,590	1,637,418	410,218	50,309
1975	44,784	365,138	43,522	2,602,082	940,337	115,850
1976	55,527	479,752	56,842	739,279	289,930	34,096
1977	94,538	931,826	113,030	692,852	735,724	91,114
1978	77,337	779,178	94,112	715,076	951,110	80,666
TOTALS	1,922,496	7,490,699	765,079	19,281,626	5,616,512	561,510

OIL AND GAS OPERATIONS

ACQUIRED LANDS

TEXAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	Q U A N T I T Y G A L L O N S	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)	Q U A N T I T Y B A R R E L S	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)
PRIOR	250,446	15,072	2,111	--	--	--
1952	3,045,848	143,300	4,366	--	--	--
1953-55	--	--	--	--	--	--
1956	244,357	12,523	287	--	--	--
1957	1,234,210	79,403	4,157	--	--	--
1958	485,591	29,035	2,033	--	--	--
1959	429,054	26,029	1,650	--	--	--
1960	277,269	17,074	1,091	--	--	--
1961	(485,006)	(30,290)	(2,020)	--	--	--
1962	15,115	561	22	--	--	--
1963	448,503	16,866	767	--	--	--
1964	245,315	5,077	343	--	--	--
1965	315,259	5,235	571	--	--	--
1966	268,484	6,179	629	--	--	--
1967	500,859	10,937	1,283	--	--	--
1968	463,302	7,607	917	--	--	--
1969	395,854	5,397	633	--	--	--
1970	768,629	11,768	1,417	--	--	--
1971	656,302	15,470	1,846	--	--	--
1972	477,437	10,858	1,322	--	--	--
1973	323,734	10,201	1,220	--	--	--
1974	409,474	31,630	3,868	--	--	--
1975	272,391	22,752	2,775	--	--	--
1976	371,669	33,294	4,131	--	--	--
1977	326,577	53,863	6,723	--	--	--
1978	278,377	58,006	7,251	12	90	11
TOTALS	12,026,056	598,947	49,393	12	90	11

OIL AND GAS OPERATIONS

ACQUIRED LANDS

TEXAS

CALENDAR YEAR	<----- G A S L O S T ----->			<- T O T A L A L L P R O D U C T S ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	1,226,899	1,957,675	164,841
1952	--	--	--	3,133,038	206,632	5,385
1953	--	--	--	3,685	10,147	1,276
1954	--	--	--	501,128	213,936	11,777
1955	--	--	--	294,792	120,833	11,751
1956	--	--	--	675,645	265,219	16,776
1957	--	--	--	1,957,714	276,412	15,950
1958	--	--	--	949,945	112,208	11,443
1959	--	--	--	813,499	83,201	8,343
1960	--	--	--	837,876	130,981	11,095
1961	--	--	--	44,460	467,508	35,207
1962	--	--	--	364,842	489,589	32,486
1963	--	--	--	1,507,312	329,610	23,458
1964	--	--	--	1,041,385	203,260	16,756
1965	--	--	--	876,112	171,167	14,941
1966	--	--	--	909,571	194,602	19,221
1967	--	--	--	1,112,526	209,222	24,319
1968	--	--	--	1,081,709	230,994	24,884
1969	--	--	--	952,680	254,790	28,734
1970	--	--	--	1,315,500	213,332	23,788
1971	--	--	--	1,786,568	274,293	25,528
1972	--	--	--	933,954	204,767	23,252
1973	--	--	--	2,548,751	675,608	81,892
1974	--	--	--	2,089,597	769,262	92,767
1975	--	--	--	2,919,257	1,328,227	162,147
1976	--	--	--	1,166,475	802,976	95,069
1977	36	52	7	1,114,003	1,721,465	210,874
1978	36+	539	67	1,071,666	1,788,923	182,107
TOTALS	400	591	74	33,230,589	13,706,839	1,376,067

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

TEXAS

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MGF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	--	--	--	392,389	44,918	3,355
1953	--	--	--	389,163	35,571	3,797
1954	--	--	--	390,973	43,348	4,100
1955	--	--	--	361,581	39,981	3,662
1956	149,555	443,874	77,967	542,973	62,960	8,967
1957	242,037	790,002	136,950	1,318,584	154,802	24,260
1958	175,575	587,572	99,887	986,273	122,958	18,444
1959	143,079	487,640	81,046	795,783	100,612	14,307
1960	160,710	533,533	98,353	1,013,887	180,546	26,793
1961	354,213	1,590,456	198,808	4,621,232	1,200,456	150,057
1962	260,635	881,053	146,696	3,790,077	725,181	117,769
1963	248,465	821,472	136,118	2,839,991	514,023	82,707
1964	490,533	1,567,519	260,862	3,391,409	581,602	95,799
1965	486,357	1,484,478	247,013	3,790,150	652,789	108,509
1966	388,155	1,233,594	205,021	4,296,363	680,971	113,355
1967	275,537	884,694	147,110	4,248,487	730,713	121,735
1968	229,853	741,935	123,346	3,686,891	359,513	59,871
1969	135,471	464,023	77,064	2,684,897	453,652	81,550
1970	111,890	391,563	65,054	2,647,676	468,377	77,995
1971	138,069	511,766	85,092	2,163,228	432,657	72,054
1972	137,143	510,916	85,025	2,588,609	495,313	82,528
1973	103,103	419,282	69,706	2,218,706	445,821	74,199
1974	75,451	416,416	69,254	1,031,539	123,487	19,729
1975	53,050	284,662	47,327	302,834	79,628	13,289
1976	54,337	299,096	49,905	456,505	145,705	23,327
1977	41,434	247,903	41,129	461,413	159,122	25,906
1978	36,933	209,576	35,774	372,397	201,999	31,850
TOTALS	4,459,044	15,803,925	2,574,507	51,784,060	9,236,705	1,459,914

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

TEXAS

<--- GASOLINE AND LPG --->

<----- GAS LOST ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1952	321,933	15,111	1,889	--	--	--
1953	346,742	15,031	1,879	--	--	--
1954	339,832	12,004	1,500	--	--	--
1955	269,011	10,921	1,365	--	--	--
1956	360,254	14,642	1,831	--	--	--
1957	336,647	13,911	1,739	--	--	--
1958	442,113	18,142	2,177	--	--	--
1959	502,310	20,524	2,556	--	--	--
1960	1,485,868	78,152	11,926	--	--	--
1961	5,431,269	286,472	46,638	--	--	--
1962	3,359,353	165,699	26,594	--	--	--
1963	3,627,031	179,135	28,590	--	--	--
1964	3,748,021	206,252	33,789	--	--	--
1965	3,400,457	186,533	30,708	--	--	--
1966	3,049,716	168,534	27,906	--	--	--
1967	3,293,337	202,299	33,519	--	--	--
1968	3,141,194	168,039	27,882	--	--	--
1969	2,988,875	118,945	19,692	--	--	--
1970	2,703,432	140,546	23,295	--	--	--
1971	2,302,940	140,854	23,328	--	--	--
1972	2,296,054	136,622	22,560	--	--	--
1973	1,966,106	136,821	22,642	--	--	--
1974	1,253,980	123,555	20,351	--	--	--
1975	477,005	67,652	11,101	18	8	4
1976	510,593	82,446	13,551	--	--	--
1977	391,524	70,174	11,565	--	--	--
1978	154,053	35,727	5,780	--	--	--
TOTALS	48,630,503	2,814,743	456,363	18	8	4

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

TEXAS

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)

ROYALTY
VALUE(\$)

1952	714,327	60,029	5,244
1953	735,905	50,602	5,676
1954	730,825	55,352	5,600
1955	660,592	50,902	5,027
1956	1,053,183	521,476	88,765
1957	1,947,328	958,715	162,949
1958	1,604,061	728,672	120,508
1959	1,447,172	608,776	97,919
1960	2,660,665	792,231	127,072
1961	10,406,719	3,077,384	395,503
1962	7,410,075	1,771,933	291,059
1963	6,716,088	1,514,630	247,415
1964	7,630,113	2,355,373	390,450
1965	7,677,476	2,323,800	386,230
1966	7,784,247	2,083,099	346,282
1967	7,817,625	1,817,706	302,364
1968	7,057,938	1,269,487	211,099
1969	5,809,243	1,036,620	178,306
1970	5,462,998	1,000,486	166,344
1971	4,604,177	1,085,277	180,474
1972	5,021,806	1,142,851	190,113
1973	4,287,915	1,001,924	166,547
1974	2,360,980	663,458	109,334
1975	832,968	431,950	71,721
1976	1,021,435	528,147	86,783
1977	894,371	477,199	78,600
1978	563,393	447,302	73,404
TOTALS	104,913,625	27,855,381	4,490,788

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1950	2,019,271	4,281,273	613,835	60,180,200	4,398,469	331,543
1951	1,043,137	2,356,983	313,435	2,288,246	190,879	19,030
1952	1,086,440	2,570,118	370,206	4,282,227	393,982	52,565
1953	1,223,568	3,036,565	426,049	9,132,319	996,656	165,649
1954	1,330,151	3,696,292	507,643	10,495,687	1,164,350	199,256
1955	1,370,129	4,173,559	550,238	9,328,175	1,026,696	185,669
1956	3,540,581	8,889,344	1,129,136	11,231,272	1,279,378	196,433
1957	23,250,480	69,310,265	8,737,562	13,083,323	1,959,529	237,905
1958	38,631,290	109,795,158	14,045,225	30,073,330	5,415,303	679,564
1959	35,934,751	97,452,013	13,226,302	34,235,891	6,189,584	789,226
1960	29,565,865	79,496,240	11,452,751	37,836,341	5,491,681	741,379
1961	30,233,318	81,103,974	11,856,793	41,704,485	6,868,339	887,514
1962	31,769,170	83,543,967	12,099,827	60,779,079	9,828,835	1,405,487
1963	26,163,493	68,918,962	9,808,955	42,612,664	6,396,865	865,682
1964	23,293,373	60,766,982	8,509,333	40,967,570	6,266,205	805,777
1965	21,554,154	59,617,843	7,862,007	37,565,890	6,054,122	739,490
1966	22,637,529	62,577,676	8,227,954	34,777,673	5,383,037	688,869
1967	21,111,110	56,188,208	7,769,388	33,363,284	5,089,414	660,194
1968	20,363,330	57,421,294	7,964,661	30,545,936	4,503,666	583,932
1969	20,333,683	58,326,648	8,141,544	28,853,197	4,790,619	616,366
1970	19,723,573	60,780,258	8,412,873	32,352,070	5,082,315	657,116
1971	21,595,501	64,170,276	9,024,811	24,498,377	3,863,533	502,067
1972	19,423,348	67,396,739	9,628,414	25,924,711	4,617,422	595,947
1973	21,502,043	136,094,886	19,991,569	34,837,948	6,232,760	821,254
1974	21,775,945	164,234,911	24,299,981	12,570,646	5,059,432	758,544
1975	20,151,623	155,533,281	23,189,187	23,034,617	9,478,523	1,340,701
1976	18,721,293	143,066,397	21,403,455	27,378,475	21,214,661	3,011,143
1977	16,717,337	130,782,830	19,822,183	33,666,081	27,310,493	3,682,672
TOTALS	516,276,150	1,895,582,942	269,385,317	787,599,714	166,546,748	22,220,974

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- CO _ 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	QUANTITY MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PERIOD	1,175,778	45,635	1,391	1,907,536	--	3,011
1952	--	--	--	84,506	--	211
1953	--	--	--	144,026	9,437	612
1954	--	--	--	176,957	12,387	1,337
1955	--	--	--	133,010	12,984	1,164
1956	--	--	--	146,610	13,795	1,283
1957	--	--	--	125,993	11,721	1,102
1958	1,294,606	50,101	2,112	90,447	6,331	791
1959	46,378,573	1,460,230	63,093	69,625	4,874	609
1960	34,505,934	2,923,243	135,880	60,425	4,230	529
1961	38,394,753	3,272,471	180,504	78,136	5,470	684
1962	32,014,113	2,489,824	128,237	31,920	5,734	717
1963	128,218,441	4,134,158	153,309	100,905	7,063	883
1964	76,560,337	2,153,332	106,476	96,432	6,750	844
1965	58,277,593	1,858,705	94,281	86,201	6,034	754
1966	60,420,756	2,115,535	107,774	56,390	3,947	493
1967	55,400,334	2,189,791	116,121	61,635	4,315	539
1968	98,153,414	3,978,912	179,610	54,788	3,835	479
1969	88,291,437	3,165,829	141,542	64,849	4,539	567
1970	57,754,454	2,348,683	106,385	55,040	3,853	482
1971	97,025,043	3,727,024	170,733	55,178	3,862	483
1972	75,894,750	2,962,939	137,789	61,105	4,277	535
1973	59,895,704	3,396,895	160,835	80,489	5,634	704
1974	57,223,550	4,790,738	204,139	100,739	7,052	881
1975	32,378,012	8,917,454	434,080	107,286	7,510	939
1976	75,432,376	9,309,031	448,415	105,881	7,412	926
1977	62,751,452	10,624,762	523,668	198,714	23,964	2,996
1978	51,573,479	5,904,126	293,579	222,867	27,859	3,482
TOTALS	1,520,050,453	81,819,453	3,890,073	4,607,690	214,869	28,037

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	633	327	41
1975	353	3,805	476	72,118	26,810	3,352
1976	627	4,248	531	907,915	194,288	24,427
1977	50	462	64	253,036	121,627	15,200
1978	--	--	--	43,282	90,603	11,335
TOTALS	1,030	8,515	1,071	1,276,984	433,655	54,355

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	65,212,795	8,725,377	949,780
1952	3,415,936	2,547,862	332,676
1953	5,512,693	2,973,537	423,383
1954	10,532,844	4,045,608	593,035
1955	12,158,848	4,873,626	708,063
1956	11,344,914	5,214,050	737,190
1957	14,897,946	10,180,443	1,326,671
1958	37,718,856	71,326,226	8,978,370
1959	115,082,823	116,675,565	14,788,491
1960	154,837,001	106,569,070	14,151,937
1961	155,875,095	88,265,862	12,375,318
1962	154,034,441	90,467,871	12,873,311
1963	220,437,603	97,514,023	13,659,506
1964	145,432,931	77,475,909	10,781,957
1965	132,624,743	68,897,926	9,410,145
1966	120,107,194	67,791,497	8,709,764
1967	112,877,221	70,154,819	9,033,483
1968	152,682,602	65,260,369	8,609,671
1969	139,265,522	65,095,328	8,690,702
1970	116,996,784	65,469,803	8,864,777
1971	149,156,164	69,593,459	9,241,205
1972	122,049,743	71,001,025	9,665,202
1973	115,324,752	75,416,680	10,385,900
1974	113,669,913	147,125,763	21,017,884
1975	117,404,370	178,249,922	25,497,372
1976	119,633,039	174,526,783	25,004,187
1977	109,303,020	175,051,873	24,956,526
1978	102,222,748	164,115,911	23,813,251
TOTALS	2,829,812,531	2,144,606,187	295,579,757

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,443,771	3,131,313	470,090	60,180,200	4,398,469	331,543
1952	912,896	2,095,023	280,690	2,288,246	190,879	19,030
1953	871,012	2,139,190	310,325	4,282,227	393,982	52,565
1954	1,077,831	2,735,981	387,544	9,132,319	996,656	165,649
1955	1,254,299	3,166,115	440,856	10,489,066	1,163,688	199,173
1956	1,134,548	2,989,307	402,250	9,328,175	1,026,696	185,669
1957	2,087,056	5,800,054	742,974	11,184,901	1,273,737	195,728
1958	4,715,921	13,234,613	1,684,766	11,780,522	1,714,648	206,958
1959	5,949,312	16,071,102	2,058,708	12,917,077	1,980,236	242,777
1960	6,026,547	15,214,785	1,988,572	14,801,889	2,302,642	281,383
1961	5,793,970	14,410,223	1,809,924	17,131,181	2,451,478	298,590
1962	6,921,282	16,975,080	2,121,885	18,686,049	2,848,354	347,784
1963	9,499,892	23,832,709	2,960,022	28,711,922	4,157,548	515,120
1964	10,532,879	26,009,211	3,253,048	27,059,195	3,722,061	458,044
1965	11,200,542	27,601,130	3,476,422	30,520,732	4,414,501	522,624
1966	10,551,634	29,344,591	3,310,955	28,240,307	4,437,334	507,811
1967	11,753,342	32,292,571	3,687,538	27,212,461	4,160,085	514,101
1968	11,374,753	28,791,579	3,599,895	26,615,574	3,834,911	477,238
1969	11,200,470	29,992,080	3,759,874	25,022,196	3,542,322	440,051
1970	10,755,483	29,406,047	3,680,420	24,839,430	3,927,563	486,263
1971	11,010,163	32,365,596	4,048,853	27,460,451	4,061,041	502,093
1972	11,549,733	32,045,121	4,014,858	21,167,915	3,143,103	390,763
1973	9,128,644	29,827,409	3,733,399	22,157,745	3,751,167	462,678
1974	8,056,459	42,074,181	5,258,831	30,134,520	4,800,303	594,367
1975	7,674,332	45,750,557	5,707,877	5,857,995	1,949,949	239,737
1976	6,918,516	43,232,902	5,400,255	15,402,252	5,187,822	643,372
1977	6,504,573	41,750,992	5,217,794	18,532,951	11,489,486	1,428,693
1978	5,864,344	40,458,210	5,055,927	24,959,995	18,758,805	2,265,932
TOTALS	191,814,904	632,737,672	18,864,552	566,097,493	106,079,466	12,975,736

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- CO - 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,105,773	45,635	1,391	1,907,536	--	3,011
1952	--	--	--	84,506	--	211
1953	--	--	--	144,026	9,437	612
1954	--	--	--	176,957	12,387	1,337
1955	--	--	--	133,010	12,984	1,164
1956	--	--	--	146,610	13,795	1,283
1957	--	--	--	125,993	11,721	1,102
1958	115,755	5,264	219	90,447	6,331	791
1959	5,376,075	129,050	5,394	69,625	4,874	609
1960	6,011,760	206,426	8,835	60,425	4,230	529
1961	8,809,549	534,256	42,260	78,136	5,470	684
1962	9,949,371	516,552	37,450	81,920	5,734	717
1963	8,266,525	700,895	(26,003)	100,905	7,063	883
1964	7,659,116	370,396	15,522	96,432	6,750	844
1965	10,601,563	525,223	22,339	86,201	6,034	754
1966	10,509,212	683,564	25,654	56,390	3,947	493
1967	12,229,536	688,411	28,546	61,635	4,315	539
1968	57,556,173	2,816,567	117,711	54,788	3,835	479
1969	55,199,106	2,375,867	101,286	64,849	4,539	567
1970	44,352,619	1,856,874	81,458	55,040	3,853	482
1971	58,009,318	2,594,108	112,794	55,178	3,862	483
1972	47,514,747	2,143,896	95,592	61,105	4,277	535
1973	42,106,999	2,574,586	116,375	80,489	5,634	704
1974	27,054,475	3,235,849	149,260	100,739	7,052	881
1975	42,615,785	4,913,869	221,262	107,286	7,510	939
1976	43,252,547	4,926,300	217,822	105,881	7,412	926
1977	34,668,139	4,930,918	205,436	198,714	23,964	2,996
1978	5,256,070	1,232,699	51,927	222,867	27,859	3,482
TOTALS	538,510,934	37,907,105	1,632,530	4,607,690	214,869	28,037

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QJANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QJANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	633	327	41
1975	363	3,805	476	71,598	26,511	3,314
1976	652	4,125	516	843,429	150,065	18,898
1977	7	65	8	252,895	121,393	15,171
1978	--	--	--	101,409	130,243	16,290
TOTALS	972	7,995	1,000	1,269,964	428,539	53,714

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	64,637,285	7,575,417	806,035
1952	3,285,648	2,285,902	299,931
1953	5,297,265	2,542,609	363,502
1954	10,387,107	3,745,024	554,530
1955	11,876,375	4,342,787	641,193
1956	10,659,333	4,029,798	589,202
1957	13,397,950	7,085,512	939,804
1958	16,702,656	14,960,856	1,892,734
1959	24,312,089	18,185,262	2,307,488
1960	26,900,621	17,728,083	2,279,319
1961	31,812,936	17,401,427	2,151,458
1962	35,638,622	20,345,720	2,507,836
1963	46,579,344	28,698,215	3,450,022
1964	45,347,622	30,108,418	3,727,458
1965	52,409,043	32,546,888	4,022,139
1966	49,457,543	34,469,336	3,844,913
1967	51,257,174	37,145,382	4,230,724
1968	95,701,288	35,446,892	4,195,323
1969	91,486,621	35,914,808	4,301,778
1970	80,002,572	35,194,337	4,248,623
1971	96,625,610	39,024,607	4,664,223
1972	80,293,500	37,336,397	4,501,748
1973	73,473,877	36,158,796	4,313,156
1974	65,346,826	50,117,712	6,003,380
1975	56,327,859	52,652,201	6,173,605
1976	66,523,227	53,508,626	6,281,789
1977	60,157,279	58,216,818	6,870,098
1978	36,404,685	60,607,816	7,393,558
TOTALS	1,302,301,957	777,375,646	93,555,569

OIL AND GAS OPERATIONS

ACQUIRED LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	10,077	29,301	3,663	115	19	2
1972	23,047	59,497	7,437	3,608	584	73
1973	41,634	140,636	17,580	11,244	6,807	851
1974	98,690	735,682	91,960	21,636	11,574	1,447
1975	184,315	1,982,654	247,832	66,625	40,108	5,014
1976	149,529	1,601,959	200,245	94,517	116,479	14,560
1977	93,499	969,225	121,153	58,781	97,323	12,166
1978	(106,875)	(1,391,085)	(173,886)	(28,387)	(51,031)	(6,379)
TOTALS	493,915	4,127,869	515,984	228,139	221,863	27,734

OIL AND GAS OPERATIONS

ACQUIRED LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1973	17,861	1,281	77	--	--	--
1974	40,192	6,205	303	--	--	--
1975	328,109	54,116	2,407	484	279	35
1976	432,797	67,228	3,409	64,482	44,222	5,528
1977	161,400	43,361	1,441	141	234	29
1978	144,913	33,688	1,678	(58,137)	(39,646)	(4,956)
TOTALS	1,125,272	205,880	9,315	6,970	5,089	636

OIL AND GAS OPERATIONS

ACQUIRED LANDS

UTAH

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	10,192	29,320	3,665
1972	26,655	60,081	7,510
1973	70,739	148,724	18,508
1974	160,518	753,462	93,710
1975	579,533	2,077,157	255,288
1976	741,325	1,829,888	223,742
1977	313,821	1,110,143	134,789
1978	(48,486)	(1,449,074)	(183,543)
TOTALS	1,854,297	4,560,701	553,669

OIL AND GAS OPERATIONS

INDIAN LANDS

UTAH

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	575,500	1,149,960	143,745	--	--	--
1952	130,283	261,960	32,745	--	--	--
1953	215,423	430,928	59,881	--	--	--
1954	145,737	300,584	38,505	--	--	--
1955	275,852	530,177	66,787	6,621	662	83
1956	585,531	1,184,252	147,988	--	--	--
1957	1,453,525	3,089,290	385,162	46,371	5,641	705
1958	18,534,559	56,075,652	7,052,796	1,302,801	244,881	30,947
1959	32,681,978	93,724,056	11,986,517	17,156,253	3,435,067	436,787
1960	29,908,204	82,237,228	11,237,730	19,434,002	3,886,942	507,843
1961	23,771,395	65,086,017	9,642,827	20,705,160	3,040,203	442,789
1962	23,312,036	64,128,894	9,734,908	23,018,436	4,019,985	539,730
1963	21,769,273	59,711,258	9,139,805	32,067,157	5,671,287	890,367
1964	15,630,619	42,909,751	6,555,907	15,553,469	2,674,804	407,638
1965	12,092,831	33,165,852	5,032,911	10,446,838	1,851,704	283,153
1966	11,012,524	30,273,252	4,551,052	9,325,583	1,616,788	231,679
1967	10,883,387	30,285,105	4,540,416	7,565,212	1,222,952	174,768
1968	9,736,353	27,396,629	4,169,493	6,747,710	1,254,503	182,956
1969	9,162,360	27,429,214	4,204,787	5,523,740	961,344	143,881
1970	9,578,200	28,920,601	4,461,124	4,013,767	863,056	130,103
1971	8,703,633	28,385,361	4,360,357	4,891,504	1,021,255	155,021
1972	10,022,721	32,065,658	5,002,516	3,326,854	719,846	111,231
1973	10,253,570	37,428,694	5,877,435	3,755,722	859,448	132,418
1974	13,346,994	93,285,023	14,640,778	4,681,792	1,420,883	225,440
1975	13,916,798	116,501,700	18,344,272	6,646,026	3,069,375	513,793
1976	13,083,578	110,698,420	17,588,687	7,537,848	4,174,222	682,769
1977	12,123,221	100,346,180	16,064,508	8,786,743	9,627,852	1,570,284
1978	10,959,570	91,715,705	14,940,142	8,734,473	8,602,719	1,423,119
TOTALS	323,967,330	1,258,717,401	190,004,781	221,274,082	60,245,419	9,217,504

OIL AND GAS OPERATIONS

INDIAN LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	1,178,340	44,837	1,893	--	--	--
1959	40,932,503	1,331,180	57,699	--	--	--
1960	78,594,174	2,716,817	127,045	--	--	--
1961	79,585,104	2,738,215	138,244	--	--	--
1962	72,065,347	1,973,272	90,837	--	--	--
1963	120,021,824	3,433,263	179,312	--	--	--
1964	68,901,221	1,782,936	90,954	--	--	--
1965	57,676,031	1,333,482	71,942	--	--	--
1966	50,311,544	1,432,121	82,120	--	--	--
1967	43,170,848	1,501,380	87,575	--	--	--
1968	40,497,241	1,162,345	61,899	--	--	--
1969	33,092,301	789,962	40,256	--	--	--
1970	23,402,245	491,809	24,927	--	--	--
1971	38,925,225	1,132,916	57,939	--	--	--
1972	28,330,013	819,043	42,197	--	--	--
1973	27,770,844	821,018	44,383	--	--	--
1974	30,133,883	1,548,683	54,576	--	--	--
1975	39,934,118	3,949,469	210,411	--	--	--
1976	31,747,032	4,315,503	227,184	25	123	15
1977	27,921,913	5,750,483	316,791	43	397	56
1978	46,172,496	4,637,739	239,974	--	--	--
TOTALS	980,414,747	43,706,473	2,248,158	68	520	71

OIL AND GAS OPERATIONS

INDIAN LANDS

UTAH

CALENDAR YEAR	<----- G A S L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PERIOD	--	--	--	575,500	1,149,960	143,745
1952	--	--	--	130,288	261,960	32,745
1953	--	--	--	215,428	430,928	59,881
1954	--	--	--	145,737	300,584	38,505
1955	--	--	--	282,473	530,839	66,870
1956	--	--	--	685,581	1,184,252	147,988
1957	--	--	--	1,499,996	3,094,931	386,867
1958	--	--	--	21,016,200	56,365,370	7,085,636
1959	--	--	--	90,770,734	98,490,303	12,481,003
1960	--	--	--	127,936,380	88,840,987	11,872,618
1961	--	--	--	124,062,159	70,864,435	10,223,860
1962	--	--	--	118,395,819	70,122,151	10,365,475
1963	--	--	--	173,858,259	68,815,808	10,209,484
1964	--	--	--	100,085,309	47,367,491	7,054,499
1965	--	--	--	80,215,700	36,351,038	5,388,006
1966	--	--	--	70,649,651	33,322,161	4,864,851
1967	--	--	--	61,620,047	33,009,437	4,802,759
1968	--	--	--	56,981,314	29,813,477	4,414,348
1969	--	--	--	47,778,901	29,180,520	4,388,924
1970	--	--	--	36,994,212	30,275,466	4,616,154
1971	--	--	--	52,520,362	30,539,532	4,573,317
1972	--	--	--	41,729,588	33,604,547	5,155,944
1973	--	--	--	41,780,136	39,109,160	6,054,236
1974	--	--	--	48,162,569	96,254,589	14,920,794
1975	35	20	3	60,496,978	123,520,564	19,068,479
1976	4	1	1	52,368,487	119,188,269	18,498,656
1977	--	--	--	48,831,920	115,724,912	17,951,639
1978	10	6	1	65,866,549	104,956,169	16,603,236
TOTALS	50	27	5	1,525,656,277	1,362,669,840	201,470,519

OIL AND GAS OPERATIONS

ALL LANDS
INDIAN LANDS ONLY

WASHINGTON

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	2,939	1,170	146	2,939	1,170	146
1962-78	--	--	--	--	--	--
TOTALS	2,939	1,170	146	2,939	1,170	146

OIL AND GAS OPERATIONS

ALL LANDS

W. VIRGINIA

ACQUIRED LANDS ONLY

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	1,759	370	2,577	1,759	370	2,577
1957	--	--	4,749	--	--	4,749
1958	6,506,360	1,690,019	219,702	6,506,360	1,690,019	219,702
1959	7,125,471	1,941,742	240,194	7,125,471	1,941,742	240,194
1960	2,575,051	695,265	86,908	2,575,051	695,265	86,908
1961	32,172	8,800	1,100	32,172	8,800	1,100
1962	28,021	7,541	943	28,021	7,541	943
1963	1,008,802	272,356	34,045	1,008,802	272,356	34,045
1964	16,436,654	4,437,873	591,705	16,436,654	4,437,873	591,705
1965	74,599	17,900	57,737	74,599	17,900	57,737
1966	11,803	3,176	55,897	11,803	3,176	55,897
1967	18,703	5,033	56,129	18,703	5,033	56,129
1968	11,043	2,972	55,871	11,043	2,972	55,871
1969	14,542	3,913	55,989	14,542	3,913	55,989
1970	21,640	5,823	56,228	21,640	5,823	56,228
1971	6,488	1,746	218	6,488	1,746	218
1972	12,965	3,489	436	12,965	3,489	436
1973	10,084	2,714	339	10,084	2,714	339
1974	8,364	2,350	294	8,364	2,350	294
1975	7,023	2,386	298	7,023	2,386	298
1976	6,677	3,147	393	6,677	3,147	393
1977	7,021	4,813	602	7,021	4,813	602
1978	9,269	7,405	926	9,269	7,405	926
TOTALS	33,934,511	9,120,833	1,523,280	33,934,511	9,120,833	1,523,280

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	597,656,733	911,568,346	123,015,468	505,936,851	34,608,865	2,999,820
1952	43,252,156	97,715,532	11,322,714	32,174,680	2,665,955	298,907
1953	53,095,531	128,036,284	14,970,868	35,184,175	3,199,731	339,621
1954	59,848,412	148,794,331	17,510,867	31,885,409	3,427,847	332,406
1955	54,256,423	159,510,509	18,659,527	35,290,073	3,864,123	381,311
1956	68,660,408	170,796,158	20,049,671	39,164,996	4,259,611	471,663
1957	74,427,959	203,872,396	24,374,182	56,750,130	6,423,456	798,032
1958	73,808,527	186,592,260	24,255,605	63,619,541	7,442,489	887,541
1959	82,382,501	204,108,300	26,899,237	108,409,276	13,701,679	1,639,595
1960	83,229,113	204,079,416	26,657,155	114,849,371	15,269,505	1,814,984
1961	86,036,917	213,742,095	31,077,332	132,684,315	17,897,887	1,941,534
1962	83,673,563	206,210,597	27,756,293	117,055,906	16,952,950	2,224,479
1963	86,169,900	211,961,270	28,665,388	127,749,324	18,442,773	2,229,052
1964	86,355,574	216,010,062	28,914,649	154,819,675	22,399,665	2,684,794
1965	84,535,692	222,178,840	28,079,257	151,199,591	37,119,269	2,759,728
1966	85,965,510	217,245,499	28,863,916	159,260,960	23,320,881	2,715,194
1967	86,884,761	221,433,882	30,782,083	240,975,564	29,886,146	3,373,382
1968	98,055,935	250,115,424	32,971,754	158,559,432	21,671,380	2,629,324
1969	98,934,401	276,211,735	35,843,485	167,101,266	24,521,139	3,013,250
1970	96,852,584	275,527,066	35,561,938	191,203,749	28,932,147	3,552,822
1971	91,022,454	280,852,918	35,709,612	220,829,804	34,930,202	4,313,401
1972	86,238,701	264,702,098	34,703,982	199,520,131	33,575,417	4,152,076
1973	86,596,880	331,629,253	41,610,772	214,967,769	40,682,249	5,054,599
1974	85,840,557	535,248,597	66,972,875	193,319,070	43,709,380	5,356,159
1975	84,518,797	592,878,025	74,987,133	179,673,088	59,728,630	7,512,976
1976	80,962,700	598,767,425	77,403,445	181,982,804	96,677,402	11,796,772
1977	83,103,882	639,850,116	82,549,536	189,101,706	154,509,103	18,945,025
1978	84,113,704	722,437,694	92,793,315	182,269,246	188,155,279	22,904,869
TOTALS	2,776,480,690	8,692,076,128	1,122,962,059	4,185,537,902	987,975,160	117,123,316

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	931,789,864	55,306,504	2,304,496	40,885	--	12,777
1952	42,733,515	2,676,313	119,813	31,273	--	9,773
1953	40,729,984	2,898,060	118,347	27,972	85,599	10,129
1954	50,903,446	3,479,051	140,923	36,764	177,533	17,787
1955	41,437,000	2,748,400	111,082	29,300	136,637	14,041
1956	42,859,334	2,401,574	121,295	24,618	111,943	10,136
1957	43,758,029	2,970,229	125,233	24,359	95,249	11,715
1958	93,543,921	6,846,478	273,874	82,302	833,965	56,126
1959	107,377,786	5,850,887	291,374	126,529	402,846	39,117
1960	105,004,558	4,244,797	272,092	49,585	418,719	31,236
1961	124,376,732	6,516,009	280,840	36,114	240,662	18,411
1962	137,004,797	6,420,948	247,850	29,415	211,883	14,260
1963	136,794,197	6,339,530	264,358	28,928	194,706	12,442
1964	143,902,075	7,351,097	305,163	18,328	17,206	1,354
1965	150,710,894	8,544,421	306,334	4,776	(251,392)	(8,738)
1966	147,495,518	7,945,462	309,089	25,703	355,135	10,742
1967	259,956,683	9,329,488	376,442	22,967	431,193	14,944
1968	137,458,920	5,445,557	185,601	26,225	421,133	13,699
1969	116,016,687	5,991,337	228,946	17,525	337,623	11,022
1970	162,545,382	7,807,738	309,772	22,571	293,386	9,596
1971	210,500,101	10,619,362	456,451	20,041	348,170	11,293
1972	206,935,734	10,211,587	473,920	17,503	289,136	9,325
1973	223,781,798	13,713,384	716,300	291,729	316,239	10,045
1974	166,851,593	13,686,880	837,178	301,321	396,429	12,562
1975	161,094,476	36,307,518	1,503,376	80,958	2,517,306	73,820
1976	126,520,509	8,971,929	640,355	(40,354)	(1,549,177)	(41,494)
1977	129,079,006	24,173,161	1,052,379	33,727	318,372	11,210
1978	(23,492,837)	9,078,582	99,749	17,586	291,872	10,648
TOTALS	4,217,781,257	293,376,283	12,473,132	1,428,650	7,442,373	407,978

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	846	5,819	728	8,414	2,971	371
1975	17,799	99,963	12,533	3,909,144	1,507,908	217,056
1976	17,024	113,181	14,144	4,221,280	2,166,524	288,532
1977	9,989	60,960	7,788	4,198,543	2,374,031	276,077
1978	14,087	72,912	4,265	2,031,258	8,550,579	1,064,731
TOTALS	59,795	352,835	39,458	14,368,639	14,602,013	1,846,767

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRETOR	2,035,424,333	1,001,483,715	128,332,561
1952	118,191,624	103,057,800	11,751,207
1953	129,038,062	134,219,674	15,438,965
1954	142,674,031	155,878,762	18,001,983
1955	141,012,796	166,259,669	19,165,961
1956	150,709,906	178,069,286	20,652,765
1957	174,960,477	213,361,330	25,309,162
1958	231,054,291	201,715,192	25,473,146
1959	298,296,092	224,063,712	28,869,323
1960	303,133,032	224,012,437	28,775,467
1961	343,134,078	238,396,653	33,318,117
1962	337,763,681	229,796,378	30,242,882
1963	350,742,349	236,938,279	31,171,240
1964	385,095,652	245,778,030	31,905,960
1965	386,450,953	267,591,138	31,136,581
1966	392,747,691	248,866,977	31,898,941
1967	587,839,980	261,080,709	34,546,851
1968	394,110,512	277,653,494	35,800,378
1969	382,069,879	307,061,834	39,096,703
1970	450,624,786	312,560,337	39,434,128
1971	522,472,400	326,750,652	40,491,257
1972	492,712,069	308,778,238	39,339,303
1973	525,638,176	386,341,125	47,391,716
1974	446,321,861	598,050,076	73,179,873
1975	429,294,262	693,039,350	84,306,894
1976	393,664,063	705,147,284	90,101,754
1977	405,526,853	821,285,743	102,842,015
1978	244,953,044	928,586,918	116,877,577
TOTALS	11,195,656,933	9,995,824,792	1,254,852,710

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	559,283,091	850,753,838	115,307,631	499,491,991	34,204,776	2,937,192
1952	39,109,023	89,752,080	10,321,003	31,406,012	2,619,796	293,137
1953	46,494,279	114,189,015	13,240,935	34,006,811	3,128,763	330,750
1954	52,326,524	132,826,383	15,519,692	30,827,788	3,364,391	324,474
1955	56,961,254	143,782,225	16,722,301	34,287,749	3,803,985	373,794
1956	61,167,091	154,360,352	18,034,907	38,145,435	4,198,438	458,968
1957	66,186,159	183,935,307	21,905,713	55,995,860	6,376,808	785,953
1958	66,025,150	168,120,551	21,956,546	62,393,021	7,348,040	872,948
1959	74,706,454	185,969,343	24,640,938	106,501,958	13,539,817	1,619,362
1960	75,623,989	185,981,019	24,400,708	113,050,725	15,113,439	1,795,476
1961	78,877,080	196,593,587	28,938,576	130,535,550	17,706,630	1,917,627
1962	77,245,519	190,762,140	25,829,193	114,914,760	16,723,451	2,195,790
1963	79,701,488	196,318,681	26,699,343	125,227,770	18,164,125	2,194,225
1964	79,983,410	200,372,758	26,935,209	146,335,981	21,249,301	2,529,762
1965	78,347,860	206,926,498	26,145,677	137,456,843	35,146,097	2,493,941
1966	79,971,170	202,375,468	26,959,369	142,658,639	20,915,113	2,382,659
1967	79,792,638	203,569,265	28,456,147	225,351,860	27,515,746	3,050,396
1968	90,945,879	232,098,288	30,591,679	143,907,780	19,234,340	2,291,534
1969	92,095,204	258,088,787	33,458,126	154,366,420	22,657,294	2,755,504
1970	89,815,970	256,525,184	33,095,146	177,899,454	26,584,214	3,229,176
1971	83,787,628	259,726,287	32,977,739	200,711,762	31,587,478	3,824,517
1972	79,292,363	244,489,144	32,093,108	183,040,587	30,852,752	3,750,908
1973	80,125,235	310,134,702	38,849,558	199,702,386	37,767,250	4,636,759
1974	79,586,072	504,854,761	63,073,528	178,400,131	40,340,572	4,852,386
1975	79,173,197	565,074,386	71,415,616	165,363,432	55,842,075	6,926,662
1976	75,966,925	571,954,769	72,759,725	169,030,340	92,290,736	11,128,788
1977	78,150,547	610,607,807	78,187,502	176,174,127	148,230,393	17,966,205
1978	79,232,465	689,075,637	87,926,364	173,153,486	180,885,096	21,768,831
TOTALS	2,559,973,669	8,109,218,262	1,046,441,979	3,950,338,658	937,390,916	109,687,724

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIDP	929,302,201	55,027,385	2,294,240	40,885	--	12,777
1952	42,733,315	2,676,313	119,813	31,273	--	9,773
1953	40,729,584	2,898,060	118,347	27,972	85,599	10,129
1954	50,903,446	3,479,051	140,923	36,764	177,533	17,787
1955	41,437,000	2,748,400	111,082	29,300	136,637	14,041
1956	42,859,384	2,901,574	121,295	24,618	111,943	10,136
1957	43,758,029	2,970,229	125,233	24,359	95,249	11,715
1958	93,543,921	6,846,478	273,874	82,302	833,965	56,126
1959	107,377,786	5,850,887	291,374	126,529	402,846	39,117
1960	105,004,958	4,244,797	272,092	49,585	418,719	31,236
1961	124,376,732	6,516,009	280,840	36,114	240,662	18,411
1962	137,004,797	6,420,948	247,850	29,415	211,883	14,260
1963	136,794,197	6,339,530	264,358	28,928	194,706	12,442
1964	141,025,413	7,194,130	286,031	18,088	12,712	792
1965	150,653,360	8,503,028	300,547	4,191	(261,683)	(9,167)
1966	145,604,700	7,816,256	293,327	25,101	345,384	10,336
1967	258,285,173	9,216,808	370,723	22,579	424,038	14,646
1968	135,830,343	5,332,231	206,937	21,492	412,649	13,675
1969	114,329,057	5,874,006	224,224	17,035	328,426	10,599
1970	160,835,451	7,685,935	304,464	22,117	284,881	9,241
1971	208,254,303	10,448,395	441,200	19,184	332,100	10,621
1972	205,057,384	10,067,598	462,331	16,971	281,384	9,002
1973	218,578,915	13,377,810	682,193	291,665	315,467	10,013
1974	163,313,344	18,416,852	821,353	301,321	396,429	12,562
1975	158,501,758	35,990,195	1,476,339	80,958	2,517,306	73,820
1976	124,619,440	8,610,640	612,772	(40,354)	(1,549,177)	(41,494)
1977	127,137,267	23,650,189	1,021,053	33,727	318,372	11,210
1978	(16,829,468)	9,255,941	141,909	17,586	291,872	10,648
TOTALS	4,191,022,895	290,359,675	12,306,734	1,419,705	7,359,902	404,454

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	896	5,819	728	8,414	2,971	371
1975	17,796	99,926	12,527	3,879,633	1,496,725	215,531
1976	16,248	102,642	12,827	4,212,395	2,158,214	287,493
1977	9,909	60,646	7,749	4,188,104	2,354,169	273,594
1978	14,087	72,912	4,265	2,031,999	8,551,675	1,064,868
TOTALS	58,996	341,945	38,096	14,320,545	14,563,754	1,841,857

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,988,118,168	939,985,999	120,551,840
1952	113,279,823	95,048,189	10,743,726
1953	121,259,046	120,301,437	13,700,161
1954	134,094,522	139,847,358	16,002,876
1955	132,715,303	150,471,247	17,221,218
1956	142,197,028	161,572,307	18,625,306
1957	155,964,407	193,377,593	22,828,614
1958	222,044,394	183,149,034	23,159,494
1959	288,712,727	205,762,893	26,590,791
1960	293,729,257	205,757,974	26,499,512
1961	333,825,476	221,056,888	31,155,454
1962	329,194,491	214,118,422	28,287,093
1963	341,752,383	221,017,042	29,170,368
1964	367,362,897	228,828,901	29,751,794
1965	366,462,254	250,313,940	28,930,998
1966	368,259,610	231,452,221	29,645,691
1967	563,452,250	240,725,857	31,891,912
1968	370,705,494	257,077,508	33,103,825
1969	360,807,716	286,948,513	36,448,453
1970	428,572,992	291,080,214	36,638,027
1971	492,772,877	302,094,260	37,254,077
1972	467,407,310	285,690,878	36,315,349
1973	498,698,201	361,595,229	44,178,513
1974	421,610,178	564,017,404	68,760,938
1975	407,016,774	661,020,613	80,120,495
1976	373,804,994	673,567,824	84,760,111
1977	385,693,741	785,221,576	97,467,323
1978	237,620,155	888,133,133	110,916,885
TOTALS	10,717,134,468	9,359,234,454	1,170,720,844

OIL AND GAS OPERATIONS

ACQUIRED LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	90,684	240,912	26,907	--	--	--
1952	61,393	160,260	17,589	--	--	--
1953	112,633	310,269	32,527	--	--	--
1954	114,897	313,625	26,110	--	--	--
1955	151,092	432,464	23,712	--	--	--
1956	162,777	505,498	20,171	--	--	--
1957	103,615	332,928	15,167	--	--	--
1958	66,585	171,884	10,313	--	--	--
1959	62,123	159,617	11,031	--	--	--
1960	43,307	108,564	7,762	--	--	--
1961	40,551	99,208	7,638	--	--	--
1962	49,443	122,275	11,359	--	--	--
1963	59,706	158,891	18,018	--	--	--
1964	163,589	449,081	58,851	--	--	--
1965	139,788	448,983	52,313	--	--	--
1966	211,950	591,492	77,722	--	--	--
1967	185,022	522,185	68,407	135,908	164	20
1968	152,277	436,917	57,934	919	225	28
1969	126,567	385,528	51,260	605	148	19
1970	142,070	442,332	58,342	--	--	--
1971	155,141	513,191	67,184	638,071	158,028	19,754
1972	176,677	585,589	75,431	836,153	122,251	15,281
1973	189,695	807,404	103,426	1,661,566	375,917	46,989
1974	141,011	1,198,891	154,453	984,814	234,442	29,305
1975	118,250	1,211,307	157,033	445,195	181,530	22,691
1976	84,302	891,859	116,528	265,626	137,612	17,202
1977	121,086	1,419,240	182,146	247,449	273,886	34,236
1978	134,595	1,733,238	221,211	(1,473,528)	(26,214)	(3,277)
TOTALS	3,361,386	14,753,632	1,730,545	3,742,778	1,457,989	182,248

OIL AND GAS OPERATIONS

ACQUIRED LANDS

WYOMING

CALENDAR YEAS	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,757	10,491	1,311	--	--	--
1952-70	--	--	--	--	--	--
1971	213,327	3,557	300	--	--	--
1972	138,158	4,390	416	--	--	--
1973	3,669,950	203,486	24,331	--	--	--
1974	2,283,860	113,228	12,204	--	--	--
1975	1,667,421	170,806	19,106	2	30	5
1976	1,141,577	134,828	13,846	777	10,546	1,318
1977	1,069,959	176,779	9,701	20	314	39
1978	(7,359,307)	(546,453)	(65,584)	--	--	--
TOTALS	2,828,810	280,112	15,640	799	10,890	1,362

OIL AND GAS OPERATIONS

ACQUIRED LANDS

WYOMING

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	94,451	251,403	28,218
1952	--	--	--	61,398	160,260	17,589
1953	--	--	--	112,683	310,269	32,527
1954	--	--	--	114,897	313,625	26,110
1955	--	--	--	151,092	432,464	23,712
1956	--	--	--	162,777	505,498	20,171
1957	--	--	--	103,615	332,928	15,167
1958	--	--	--	66,585	171,884	10,313
1959	--	--	--	62,123	159,617	11,031
1960	--	--	--	43,807	108,564	7,762
1961	--	--	--	40,551	99,208	7,638
1962	--	--	--	49,448	122,275	11,359
1963	--	--	--	59,706	158,891	18,018
1964	--	--	--	163,589	449,081	58,851
1965	--	--	--	139,788	448,983	52,313
1966	--	--	--	211,950	591,492	77,722
1967	--	--	--	320,930	522,349	68,427
1968	--	--	--	153,196	437,142	57,962
1969	--	--	--	127,172	385,676	51,279
1970	--	--	--	142,070	442,332	58,342
1971	--	--	--	1,006,539	674,776	87,247
1972	--	--	--	1,150,988	712,230	91,128
1973	--	--	--	5,521,211	1,386,807	174,746
1974	--	--	--	3,409,685	1,546,561	195,962
1975	29,511	11,183	1,525	2,260,379	1,583,856	200,360
1976	8,885	8,310	1,039	1,501,267	1,183,155	149,933
1977	10,439	19,862	2,483	1,448,953	1,890,081	228,605
1978	(741)	(1,096)	(137)	(8,698,983)	1,159,475	152,213
TOTALS	48,094	38,259	4,910	9,981,867	16,540,882	1,934,705

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	Q U A N T I T Y B A R R E L S	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)	Q U A N T I T Y M C F	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)
1969	2,343	7,017	1,263	--	--	--
1970	2,305	8,494	1,529	18,891	3,208	578
1971	2,432	7,930	1,427	23,250	3,874	698
1972	2,668	8,667	1,560	75	12	2
1973	2,311	8,241	1,483	14,941	2,704	487
1974	2,479	14,856	2,674	25,896	5,836	1,050
1975	2,273	11,567	2,082	27,970	6,351	1,143
1976	2,340	12,772	2,299	31,574	7,169	1,290
1977-78	--	--	--	--	--	--
TOTALS	19,561	79,544	14,317	142,597	29,154	5,248

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

WYOMING

	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1969	--	--	--	2,348	7,017	1,263
1970	--	--	--	21,696	11,702	2,107
1971	--	--	--	25,682	11,804	2,125
1972	--	--	--	2,743	8,679	1,562
1973	30,031	727	130	47,333	11,672	2,100
1974	9,110	3,041	548	37,485	23,733	4,272
1975	47,015	7,644	229	77,263	25,562	3,454
1976	41,016	9,166	964	74,930	29,107	4,553
1977-78	--	--	--	--	--	--
TOTALS	127,222	20,578	1,871	289,480	129,276	21,436

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

WYOMING

	<----- O I L ----->			<----- G A S ----->		
CALENDAR YEAR	Q U A N T I T Y B A R R E L S	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)	Q U A N T I T Y M C F	P R O D U C T I O N V A L U E (\$)	R O Y A L T Y V A L U E (\$)
P R I O R 1952-78	3,550,228 --	5,771,877 --	787,284 --	5,162,869 --	324,821 --	52,719 --
TOTALS	3,550,228	5,771,877	787,284	5,162,869	324,821	52,719

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

WYOMING

	<--- G A S O I L I N E A N D L P G --->			<- T O T A L A L L P R O D U C T S ->		
CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR 1952-78	2,483,896 --	268,628 --	8,945 --	11,196,993 --	6,365,326 --	848,948 --
TOTALS	2,483,896	268,628	8,945	11,196,993	6,365,326	848,948

OIL AND GAS OPERATIONS

INDIAN LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRDR	34,732,730	54,801,719	6,893,646	1,281,991	79,268	9,909
1952	4,081,735	7,803,192	984,122	768,668	46,159	5,770
1953	6,488,969	13,537,000	1,697,406	1,177,364	70,968	8,871
1954	7,406,591	15,654,323	1,965,065	1,057,621	63,456	7,932
1955	7,144,077	15,295,820	1,913,514	1,002,324	60,138	7,517
1956	7,330,540	15,930,308	1,994,593	1,019,561	61,173	12,695
1957	8,138,185	19,604,161	2,453,302	754,270	46,648	12,079
1958	7,716,792	18,299,825	2,288,746	1,226,520	94,449	14,593
1959	7,613,921	17,979,340	2,247,268	1,907,318	161,862	20,233
1960	7,561,322	17,989,833	2,248,685	1,798,646	156,066	19,508
1961	7,119,286	17,049,300	2,131,118	2,148,765	191,257	23,907
1962	6,378,595	15,326,182	1,915,741	2,141,146	229,499	28,689
1963	6,408,705	15,483,698	1,948,027	2,521,554	278,648	34,827
1964	6,208,575	15,188,223	1,920,589	8,483,694	1,150,364	155,032
1965	6,048,044	14,803,359	1,881,267	13,742,748	1,973,172	265,787
1966	5,782,390	14,278,539	1,826,825	16,602,321	2,405,768	332,535
1967	6,907,101	17,342,432	2,257,529	15,487,796	2,370,236	322,966
1968	6,957,779	17,580,219	2,322,141	14,650,733	2,436,815	337,762
1969	6,710,282	17,730,403	2,332,836	12,734,241	1,863,697	257,727
1970	6,891,739	18,551,056	2,406,921	13,285,404	2,344,725	323,068
1971	7,077,253	20,605,510	2,663,262	19,456,721	3,180,822	468,432
1972	6,766,988	19,618,698	2,533,883	15,643,316	2,600,402	385,885
1973	6,279,639	20,679,906	2,656,305	13,588,876	2,536,378	370,364
1974	6,111,005	29,180,089	3,742,220	13,908,229	3,128,530	473,418
1975	5,225,072	26,580,765	3,412,402	13,836,491	3,698,674	562,480
1976	4,909,133	25,908,025	4,524,893	12,655,264	4,241,885	649,492
1977	4,832,249	27,823,069	4,179,888	12,680,130	6,004,824	944,584
1978	4,745,644	31,628,819	4,645,740	10,589,288	7,296,397	1,139,315
TOTALS	209,575,746	562,252,813	73,987,934	226,151,000	48,772,280	7,195,377

OIL AND GAS OPERATIONS

INDIAN LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1964	2,876,557	156,967	19,132	240	4,494	562
1965	57,534	41,393	5,787	585	10,291	429
1966	1,890,313	129,206	15,762	602	9,751	406
1967	1,671,515	112,680	5,719	388	7,155	298
1968	1,638,577	113,326	(21,336)	4,733	8,484	24
1969	1,687,630	117,331	4,722	490	9,197	423
1970	1,710,431	121,803	5,308	454	8,505	355
1971	2,132,471	167,410	15,442	857	16,070	672
1972	1,740,192	139,599	11,173	532	7,752	323
1973	1,502,852	131,361	9,656	64	772	32
1974	1,245,279	153,759	3,063	--	--	--
1975	878,282	129,873	7,702	--	--	--
1976	718,476	217,295	12,773	--	--	--
1977	871,780	346,193	21,615	--	--	--
1978	695,940	369,094	23,424	--	--	--
TOTALS	21,318,434	2,447,290	139,942	8,945	82,471	3,524

OIL AND GAS OPERATIONS

INDIAN LANDS

WYOMING

CALENDAR YEAR	<----- O I L L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	36,014,721	54,880,987	6,903,555
1952	--	--	--	4,850,403	7,849,351	989,892
1953	--	--	--	7,666,333	13,607,968	1,706,277
1954	--	--	--	8,464,612	15,717,779	1,972,997
1955	--	--	--	8,146,401	15,355,958	1,921,031
1956	--	--	--	8,350,101	15,991,481	2,007,288
1957	--	--	--	8,892,455	19,650,809	2,465,381
1958	--	--	--	8,943,312	18,394,274	2,303,339
1959	--	--	--	9,521,242	18,141,202	2,267,501
1960	--	--	--	9,359,968	18,145,899	2,268,193
1961	--	--	--	9,268,051	17,240,557	2,155,025
1962	--	--	--	8,519,742	15,555,681	1,944,430
1963	--	--	--	8,930,260	15,762,346	1,982,854
1964	--	--	--	17,569,166	16,500,048	2,095,315
1965	--	--	--	19,848,911	16,828,215	2,153,270
1966	--	--	--	24,276,131	16,823,264	2,175,528
1967	--	--	--	24,066,800	19,832,503	2,586,512
1968	--	--	--	23,251,822	20,138,844	2,638,591
1969	--	--	--	21,132,643	19,720,628	2,595,708
1970	--	--	--	21,888,028	21,026,089	2,735,652
1971	--	--	--	28,667,302	23,969,812	3,147,808
1972	--	--	--	24,151,028	22,366,451	2,931,264
1973	--	--	--	21,371,431	23,347,417	3,036,357
1974	--	--	--	21,264,513	32,462,378	4,218,701
1975	1	7	1	19,939,846	30,409,319	3,982,585
1976	(1)	(7)	(1)	18,282,872	30,367,198	5,187,157
1977	--	--	--	18,384,159	34,174,086	5,146,087
1978	--	--	--	16,031,872	39,294,310	5,808,479
TOTALS	0	0	0	457,054,125	613,554,854	81,326,777

PART 5
FEDERAL AND INDIAN LAND
TEN STANDARD FEDERAL ADMINISTRATIVE REGIONS

I. Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont

II. New Jersey
New York
Puerto Rico
Virgin Islands

III. Delaware
Maryland
Pennsylvania
Virginia
West Virginia

IV. Alabama
Florida
Georgia
Kentucky
Mississippi
North Carolina
South Carolina
Tennessee

V. Illinois
Indiana
Michigan
Minnesota
Ohio
Wisconsin

VI. Arkansas
Louisiana
New Mexico
Oklahoma
Texas

VII. Iowa
Kansas
Missouri
Nebraska

VIII. Colorado
Montana
North Dakota
South Dakota
Utah
Wyoming

IX. Arizona
California
Guam
Hawaii
Nevada

X. Alaska
Idaho
Oregon
Washington

PRODUCTION VALUE AND ROYALTY
OIL AND GAS OPERATIONS, ALL FEDERAL AND INDIAN LANDS
BY REGION

REGION NUMBER	ALL PRODUCTS	
	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
I 1978	-	-
1920-1978	-	-
II 1978	-	-
1920-1978	-	-
III 1978	9,462	1,183
1920-1978	11,106,512	1,748,507
IV 1978	10,740,966	1,360,016
1920-1978	200,207,443	24,593,153
V 1978	1,432,902	186,121
1920-1978	11,442,989	1,581,928
VI 1978	8,197,469,010	1,285,033,714
1920-1978	49,392,561,233	7,608,435,251
VII 1978	11,999,358	1,598,850
1920-1978	112,733,868	14,426,662
VIII 1978	1,377,831,398	182,335,145
1920-1978	15,373,338,804	2,004,148,897
IX 1978	232,452,926	34,491,917
1920-1978	4,089,733,453	532,924,302
X 1978	56,437,290	7,054,815
1920-1978	834,215,072	98,966,362
GRAND TOTAL		
1978	\$ 9,888,373,312	\$ 1,512,061,761
1920-1978	\$70,025,339,374	\$10,286,825,062

NOTE: For State, Land Category, and Products - see Part 4

Part 6

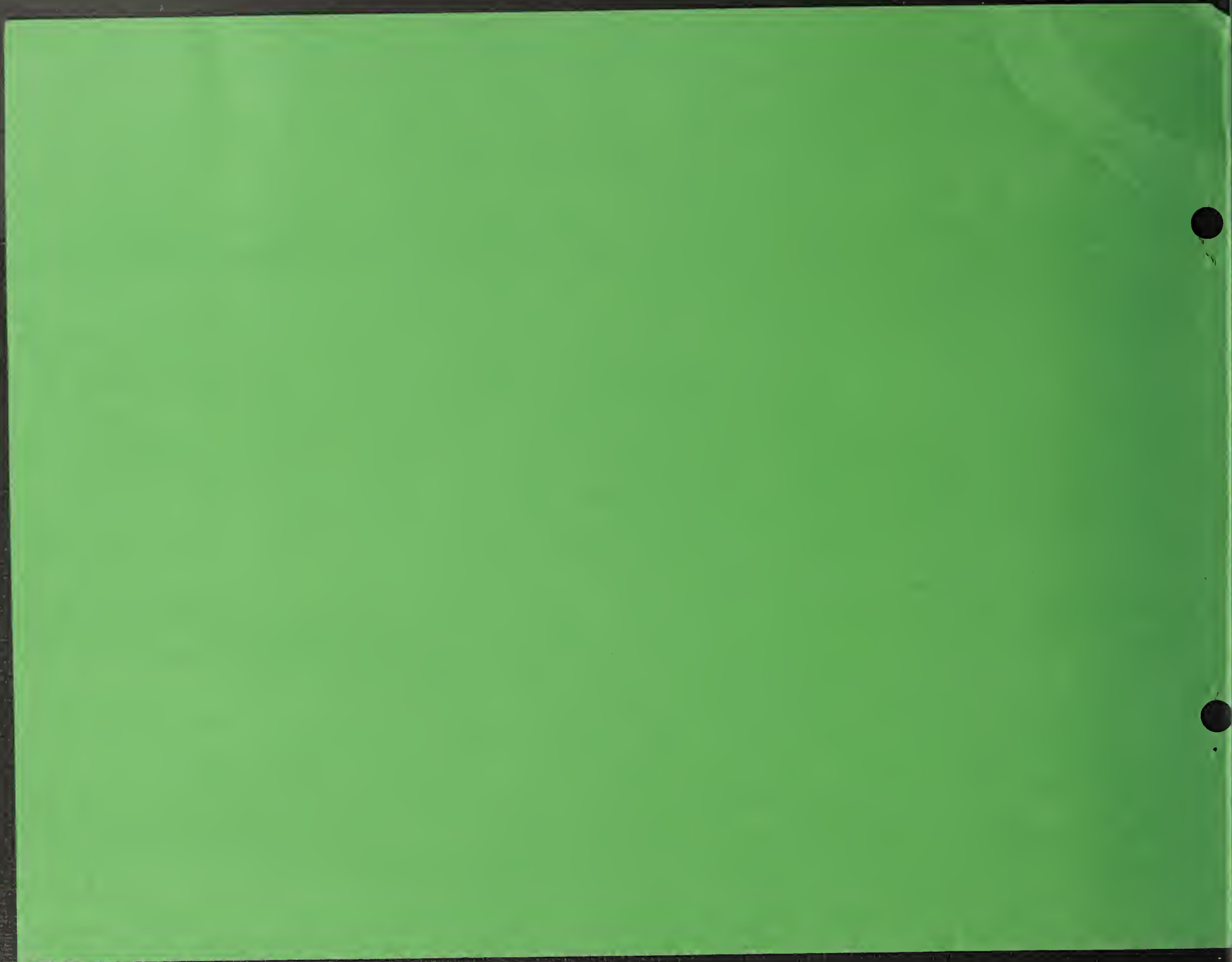
FEDERAL AND INDIAN LANDS
TOTAL UNITED STATES AND FEDERAL, OCS, AND INDIAN
PRODUCTION OF OIL, CONDENSATE, AND GAS

The total production of oil and condensate decreased 3.5 percent during the year and gas increased 13.4 percent from leases under the supervision of the U.S. Geological Survey. For 1978, this production represented about 15.1 percent of the oil and condensate and 28.4 percent of the gas produced in the United States, respectively.

TOTAL UNITED STATES PRODUCTION
 PRODUCTION UNDER FEDERAL, OUTER CONTINENTAL SHELF, AND INDIAN LEASES
 PERCENT OF FEDERAL, OUTER CONTINENTAL SHELF, AND INDIAN PRODUCTION OF TOTAL U.S. PRODUCTION

YEAR	CRUDE OIL AND CONDENSATE				GAS				GAS LIQUIDS		
	: FEDERAL, : PERCENT				: FEDERAL, : PERCENT				: FEDERAL, : PERCENT		
	: UNITED	: OCS &	: OF		: UNITED	: OCS &	: OF		: UNITED	: OCS &	: OF
	: STATES	: INDIAN	: TOTAL U.S.		: STATES	: INDIAN	: TOTAL U.S.		: STATES	: INDIAN	: TOTAL U.S.
	: (Thousands of Bbls.)	(%)		: (Millions of Cu. Ft.)	(%)		: (Thousands of Bbls.)	(%)			
1950	1,973,574	103,080	5.2	6,282,060	140,449	2.2	181,961	4,376	2.4		
1951	2,247,711	114,675	5.1	7,457,359	170,738	2.3	204,754	5,297	2.6		
1952	2,289,836	115,701	5.1	8,013,457	243,887	3.0	223,515	5,494	2.5		
1953	2,357,082	130,922	5.6	8,396,916	289,682	3.4	238,579	5,708	2.4		
1954	2,314,988	138,639	6.0	8,742,546	384,946	4.4	252,133	6,097	2.4		
1955	2,484,428	152,651	6.1	9,405,351	431,149	4.6	281,371	5,992	2.1		
1956	2,617,283	168,015	6.4	10,081,923	488,516	4.8	292,727	6,357	2.2		
1957	2,616,901	183,646	7.0	10,680,258	618,622	5.8	294,990	6,596	2.2		
1958	2,448,987	211,355	8.6	11,030,298	684,146	6.2	294,749	8,027	2.7		
1959	2,574,590	252,894	9.8	11,619,951	831,005	7.2	320,757	9,443	2.9		
1960	2,574,933	272,712	10.6	12,771,038	946,546	7.4	340,109	11,529	3.3		
1961	2,621,758	293,042	11.2	13,254,025	1,024,617	7.7	361,689	13,513	3.7		
1962	2,676,189	317,466	11.9	13,876,622	1,174,691	8.5	372,705	15,245	4.1		
1963	2,752,723	338,224	12.3	14,666,559	1,366,821	9.3	400,886	15,988	4.0		
1964	2,736,822	351,229	12.6	15,462,143	1,505,194	9.7	422,471	15,488	3.7		
1965	2,848,514	374,344	13.1	16,039,753	1,556,524	9.7	441,556	14,216	3.2		
1966	3,027,763	422,922	14.0	17,206,628	2,020,097	11.7	468,635	15,090	3.2		
1967	3,215,742	469,276	14.6	18,171,325	2,404,172	13.2	514,456	20,042	3.9		
1968	3,329,042	520,476	15.6	19,322,400	2,603,946	13.5	550,311	13,570	2.5		
1969	3,371,751	561,242	16.6	20,698,240	3,042,278	14.7	580,241	19,799	3.4		
1970	3,517,450	603,588	17.2	21,920,642	3,554,386	16.2	605,916	40,501	6.7		
1971	3,453,914	646,911	18.7	22,493,000	3,949,928	17.3	617,815	53,902	8.7		
1972	3,445,965	628,950	18.3	22,532,000	4,162,968	18.5	636,560	56,628	8.9		
1973	3,360,920	603,059	17.9	22,647,500	4,364,223	19.3	634,370	54,863	8.6		
1974	3,202,510	568,878	17.8	21,601,000	4,748,651	22.0	616,120	61,876	10.0		
1975	3,056,875	530,376	17.4	20,109,000	4,569,549	22.7	596,045	59,686	10.0		
1976	2,968,180	512,262	17.3	19,952,000	4,804,603	24.1	585,095	56,773	9.7		
1977	2,985,335	493,448	16.5	20,025,000	4,904,226	24.5	590,750	56,069	9.5		
1978	3,150,000	476,407	15.1	19,597,000	5,561,707	28.4	580,000	24,123	4.2		

SOURCE: Total United States Production - Monthly Energy Review - Dept. of Energy, 1978 Total
 United States production data are preliminary and subject to change.



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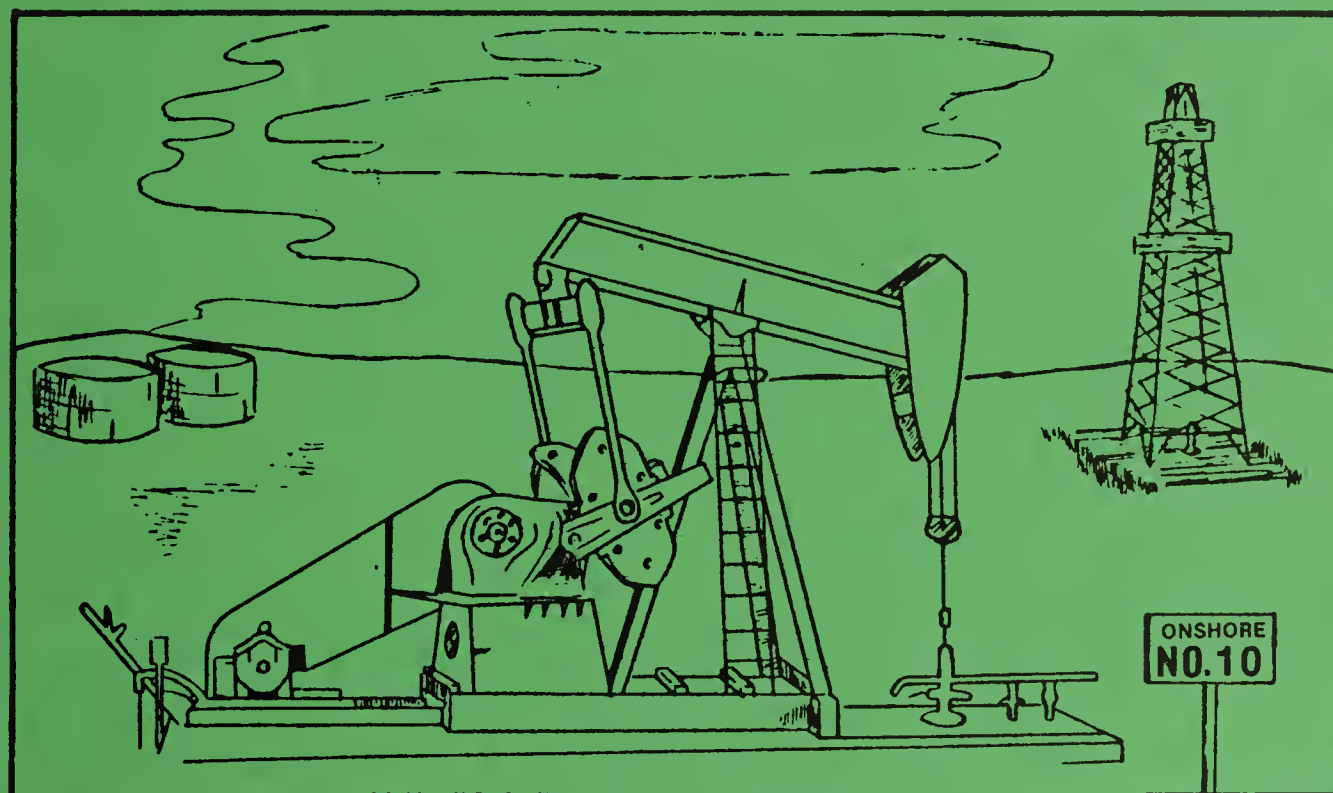
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AT URBANA-CHAMPAIGN

FEDERAL AND INDIAN LANDS OIL AND GAS PRODUCTION, ROYALTY INCOME, AND RELATED STATISTICS

1920
THROUGH
1979



CALENDAR
YEAR
1979

JUNE 1980

UNITED STATES DEPARTMENT OF THE INTERIOR

Cecil D. Andrus, Secretary

GEOLOGICAL SURVEY

H. William Menard, Director

CONSERVATION DIVISION

Don E. Kash, Chief

FEDERAL AND INDIAN LANDS

OIL AND GAS PRODUCTION, ROYALTY INCOME

AND RELATED STATISTICS

1920 through Calendar Year 1979

Printed June 1980

Compiled by: Walter M. Harris
Bruce E. McFarlane
Mary A. Williams

The Information Contained In This
Publication Does Not Constitute An
Independent Analysis By USGS,
Consequently, The Information Herein
Is Subject To Correction

C O N T E N T S

PART 1

INTRODUCTION.	1
-----------------------	---

PART 2

LEASING	2
Competitive Onshore Oil & Gas Lease Sales by States	3
Competitive Onshore Oil & Gas Lease Sales by Years.	4
Competitive Geothermal Steam Lease Sales on Federal Lands	5
Production from Competitive Leases.	6-10
Lease Status - Oil and Gas Operations by States	11
Lease Status - Mining Operations by States.	12
Lease Status by Years	13-16
Producible Oil and Gas Leases by States	17-19
Producible and Total Oil and Gas Leases by Years.	20-21
Producible and NonProducing Geothermal Leases	22-26

PART 3

DEVELOPMENT	27
Well Activity	
By States.	28-33
By Years	34-44
Geothermal	45
Well Status	
By States.	46-51
By Years	52-62
Geothermal	63
Unit Plans, Number and Acreage.	64-65
Unitized Production Percentage of Total Production.	66

CONTENTS

PART 4

PRODUCTION AND REVENUE.....	67
Statistics by Years	
Graph - Federal Onshore and Indian Lands Oil and Condensate, and Gas Production.....	68
Graph - Outer Continental Shelf Oil and Condensate, and Gas Production.....	69
Cumulative Production, Value, and Royalty - All Lands, by Products.	70
Value and Royalty	
By States - Cumulative 1920-1979	71
By Products and Lands - Calendar Year 1979	72-73
By States - Calendar Year 1979	74
By Lands and Years.....	75-81
Production, Value, and Royalty	
Oil and Condensate	
All Lands.....	82
Public Lands.....	83
Outer Continental Shelf.....	84-86
Acquired Lands.....	87
Military & Miscellaneous.....	88
Naval Petroleum Reserves.....	89
Indian Lands.....	90
Gas	
All Lands.....	91
Public Lands.....	92
Outer Continental Shelf.....	93
Acquired Lands.....	94
Military & Miscellaneous.....	95
Naval Petroleum Reserves.....	96
Indian Lands.....	97

CONTENTS

PART 4

PRODUCTION AND REVENUE (Continued)

Natural Gasoline and LPG

All Lands.....	98
Public Lands.....	99
Outer Continental Shelf.....	100
Acquired Lands.....	101
Military & Miscellaneous.....	102
Naval Petroleum Reserves.....	103
Indian Lands.....	104

Carbon Dioxide

All Lands.....	105
Public Lands.....	106
Naval Petroleum Reserves.....	107

Salt

All Lands - Outer Continental Shelf	108
---	-----

Sulfur

All Lands.....	109
Public Lands.....	110
Outer Continental Shelf.....	111
Acquired Lands.....	112
Indian Lands.....	113

Oil Lost

All Lands.....	114
Public Lands.....	115
Outer Continental Shelf.....	116
Acquired Lands.....	117
Indian Lands.....	118

Gas Lost

All Lands.....	119
Public Lands.....	120
Outer Continental Shelf.....	121
Acquired Lands.....	122
Military & Miscellaneous.....	123
Indian Lands.....	124

CONTENTS

PART 4

PRODUCTION AND REVENUE (Continued)

Statistics by States, Lands, and Products - 1979.....	125-136
Statistics by States, Lands, Products, and Years	
Alabama.....	137-144
Alaska.....	145-151
Arizona.....	152-156
Arkansas.....	157-166
California.....	167-184
Colorado.....	185-197
Florida.....	198-200
Illinois.....	201
Indiana.....	202
Kansas.....	203-208
Kentucky.....	209-213
Louisiana.....	214-231
Maryland.....	232
Michigan.....	233-239
Mississippi.....	240-247
Montana.....	248-263
Nebraska.....	264-273
Nevada.....	274
New Mexico.....	275-288
North Dakota.....	289-303
Ohio.....	304-307
Oklahoma.....	308-321
Pennsylvania.....	322-323
South Dakota.....	324-330
Texas.....	331-345
Utah.....	346-359
Washington.....	360
West Virginia.....	361
Wyoming.....	362-379

C O N T E N T S

PART 5

TEN STANDARD FEDERAL ADMINISTRATIVE REGIONS.....	380
Production Value and Royalty by Region.....	381

PART 6

TOTAL UNITED STATES AND FEDERAL, OCS, AND INDIAN PRODUCTION OF OIL AND CONDENSATE AND GAS.....	382-383
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PART 1
INTRODUCTION

The Conservation Division of the Geological Survey collects royalties, supervises operations and production of minerals under lease on Federal, Indian, and Outer Continental Shelf Lands. This publication is primarily a compilation of statistics pertaining to the leases, production, and royalties.

Copies may be obtained by contacting:

U.S. Geological Survey
12201 Sunrise Valley Drive
Mail Stop 660
Reston, Virginia 22092
Phone: (703) 860-7511

PART 2

FEDERAL AND INDIAN LANDS LEASING

This part provides statistical data on the competitive lease sales and bonuses, production from competitive leases, leases in effect and producible leases.

COMPETITIVE OIL AND GAS LEASE SALES
ON PUBLIC AND ACQUIRED LANDS
FISCAL YEAR 1979

PUBLIC LANDS			ACQUIRED LANDS			TOTAL		
: NO.	ACRES LEASED	BONUS RECEIVED (\$)	: NO.	ACRES LEASED	BONUS RECEIVED (\$)	: NO.	ACRES LEASED	BONUS RECEIVED (\$)
Arkansas	2	80 \$ 1,765	1	40	\$ 1,756	3	120	\$ 3,521
California	25	2,983 254,255	-	-	-	25	2,983	254,255
Colorado	31	9,390 607,761	1	40	2,064	32	9,430	609,825
Kansas	-	- -	6	743	32,911	6	743	32,911
Louisiana	5	520 17,696	-	-	-	5	520	17,696
Mississippi	1	80 4,622	4	692	18,734	5	772	23,356
New Mexico	68	13,658 2,922,029	2	82	7,728	70	13,740	2,929,757
Oklahoma	39	2,819 788,672	12	2,131	248,088	51	4,950	1,036,760
Utah	16	4,286 454,762	-	-	-	16	4,286	454,762
Wyoming	100	24,903 2,234,329	-	-	-	100	24,903	2,234,329
TOTAL	287	58,719 \$ 7,285,891	26	3,728	\$ 311,281	313	62,447	\$7,597,172

SOURCE: BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF INTERIOR

COMPETITIVE OIL & GAS LEASE SALES
PUBLIC AND ACQUIRED LANDS

FISCAL YEAR	PUBLIC LAND		ACQUIRED LAND		T O T A L	
	ACREAGE	BONUS	ACREAGE	BONUS	ACREAGE	BONUS
1950	256	\$ 3,558	1,538	\$ 163,998	1,794	\$ 167,556
1951	3,590	116,079	---	---	3,590	116,079
1952	9,355	326,732	---	---	9,355	326,732
1953	11,029	1,805,475	---	---	11,029	1,805,475
1954	6,611	218,668	1,115	37,244	7,726	255,912
1955	16,145	833,305	---	---	16,145	833,305
1956	19,894	629,729	1,603	611,750	21,497	1,241,479
1957	155,137	906,321	27,096	291,084	182,233	1,197,405
1958	10,564	274,432	---	---	10,564	274,432
1959	31,319	862,482	964	20,349	32,283	882,831
1960	17,562	657,131	4,385	11,734	21,947	668,865
1961	15,760	473,257	11,706	11,922,117	27,466	12,395,374
1962	31,541	6,994,498	1,170	64,953	32,711	7,059,451
1963	49,319	1,953,328	3,805	135,908	53,124	2,089,236
1964	18,532	586,668	1,803	63,250	20,335	649,918
1965	30,801	617,174	15,771	1,188,258	46,572	1,805,432
1966	33,779	476,066	1,674	96,771	35,453	572,837
1967	60,413	737,835	1,252	26,461	61,665	764,296
1968	59,969	679,134	11,536	293,389	71,505	972,523
1969	30,437	426,090	6,532	328,453	36,969	754,543
1970	35,340	359,064	3,384	119,826	38,724	478,890
1971	46,637	857,436	5,465	305,700	52,102	1,163,136
1972	85,151	922,669	3,175	194,874	88,326	1,117,543
1973	84,105	1,788,537	5,210	414,833	89,315	2,203,370
1974	63,377	2,243,094	1,870	52,529	65,247	2,295,623
1975	106,470	7,333,467	5,931	869,524	112,401	8,202,991
1976	66,049	3,151,974	8,567	1,782,234	74,616	4,934,208
1977	76,149	\$ 7,052,410	4,380	\$ 768,537	80,529	\$ 7,820,947
1978	74,214	\$12,570,504	2,224	\$ 135,461	76,438	\$12,705,965
1979	58,719	\$ 7,285,891	3,728	\$ 311,280	62,447	\$ 7,597,171

TOTAL	1,308,224	\$63,143,008	135,884	\$20,210,517	1,444,108	\$83,353,525

AVERAGE PRICE PER ACRE

PUBLIC LAND: \$48.27

ACQUIRED LAND: \$148.73

TOTAL \$57.72

SOURCE: BUREAU OF LAND MANAGEMENT
U.S. DEPARTMENT OF THE INTERIOR

COMPETITIVE GEOTHERMAL STEAM LEASE SALES
ON FEDERAL LANDS

FISCAL YEAR	NO.	ACRES LEASED	BONUS RECEIVED (\$)	FISCAL YEAR	NO.	ACRES LEASED	BONUS RECEIVED (\$)
<u>1975</u>				<u>1977</u>			
Colorado	3	5,037	13,576	Idaho	2	3,941	27,006
Nevada	10	23,296	975,438	Nevada	11	21,663	128,384
New Mexico	9	18,476	359,683	New Mexico	16	23,115	587,778
Oregon	1	1,347	13,822	Oregon	10	17,929	70
Utah	21	42,801	3,553,312				
TOTAL	44	90,957	4,915,831	TOTAL	39	66,648	743,238
<u>1976</u>				<u>1978</u>			
California	5	10,584	134,533	California	2	2,857	780,451
Idaho	10	20,964	164,470	Idaho	4	6,985	30,453
Nevada	25	50,410	678,300	Nevada	12	23,439	681,865
Oregon	27	49,598	314,295	New Mexico	18	30,017	514,789
Utah	18	33,730	126,184	Oregon	30	60,685	371,910
TOTAL	85	165,286	1,417,782	Utah	7	11,138	668,784
				TOTAL	73	135,121	3,048,252
<u>1979</u>							
AVERAGE BONUS PER ACRE	\$55.14			California	13	11,355	16,814,765
				Nevada	4	7,718	70,275
				New Mexico	7	8,768	72,640
				Oregon	4	5,818	86,582
				Utah	3	1,658	33,822
SOURCE: BUREAU OF LAND MANAGEMENT				TOTAL	31	35,317	17,078,084
U.S. DEPT. OF INTERIOR				TOTAL TO DATE	272	493,329	27,203,187

COMPETITIVE STATISTICS

PUBLIC LANDS CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(BARRELS)		OIL
CALIFORNIA	36,866	578,559	79,100
COLORADO	4,586,853	51,737,578	9,495,781
KANSAS	19,411	264,951	34,334
LOUISIANA	7,315	135,890	16,989
MISSISSIPPI	1,537	18,678	2,335
MONTANA	971,029	8,085,829	1,011,985
NEBRASKA	56,494	1,004,859	140,361
NEW MEXICO	1,484,083	20,191,194	3,070,737
NORTH DAKOTA	184,636	1,372,501	171,570
OKLAHOMA	45,110	600,543	83,364
UTAH	51,577	268,041	33,762
WYOMING	24,160,909	353,391,353	46,802,307
TOTAL	31,005,820	437,656,436	60,942,625
	(MCF)		GAS
ARKANSAS	490,064	677,076	94,002
CALIFORNIA	23,078	36,106	4,513
COLORADO	6,668,305	7,640,169	970,194
KANSAS	3,494,457	2,460,180	304,713
LOUISIANA	148,803	196,632	24,579
MONTANA	2,737,510	1,250,099	146,012
NEBRASKA	457,467	505,083	84,181
NEW MEXICO	16,340,871	31,280,997	3,909,917
NORTH DAKOTA	95,160	20,035	2,505
OKLAHOMA	2,641,424	5,680,177	551,013
UTAH	458,304	598,743	74,843
WYOMING	(1,363,463)	3,822,262	470,542
TOTAL	32,191,986	54,173,559	6,045,014

NOTE: Production from competitive leases is included in the totals on PART 4 PRODUCTION AND REVENUE. Of the total Public and Acquired Land production, about 21 percent of the oil and 3 percent of the gas was produced from competitive leases.

COMPETITIVE STATISTICS

PUBLIC LANDS CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(GALLONS)	GASOLINE AND LPG	
CALIFORNIA	12,714	4,369	182
COLORADO	2,624,786	258,666	20,781
KANSAS	--	29,245	3,655
LOUISIANA	109,260	25,311	3,164
MONTANA	1,539,864	375,604	12,353
NEBRASKA	938,732	315,911	24,657
NEW MEXICO	3,453,998	1,043,385	44,715
NORTH DAKOTA	(3,362)	(22,418)	(934)
OKLAHOMA	84,095	13,341	1,667
UTAH	22,718	10,818	451
WYOMING	4,534,826	908,760	38,447
TOTAL	13,317,631	2,962,992	149,138
	(TONS)	SULFUR	
MONTANA	1,616	33,182	1,383
NEW MEXICO	19	(223)	(29)
WYOMING	7,858	105,508	4,396
TOTAL	9,493	138,467	5,750
	(MCF)	CO-2	
COLORADO	39,763	78,555	7,339
	(BARRELS)	OIL LOST	
MONTANA	9	71	9
NORTH DAKOTA	218	2,667	333
WYOMING	5,286	30,631	4,904
TOTAL	5,513	39,369	5,246

COMPETITIVE STATISTICS

PUBLIC LANDS CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION	ROYALTY
	(MCF)	GAS LOST	
		VALUE(\$)	VALUE(\$)
COLORADO	1,610	3,404	426
MONTANA	600	887	111
NEBRASKA	109,462	197,449	32,908
NEW MEXICO	1,734	2,219	277
UTAH	7	11	1
WYOMING	11,539	16,212	2,027
TOTAL	124,952	220,182	35,750
TOTAL PUBLIC		495,269,560	67,790,862

COMPETITIVE STATISTICS

ACQUIRED LANDS CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(BARRELS)		OIL
ARKANSAS	639	7,860	1,310
CALIFORNIA	56,805	368,841	67,717
KANSAS	42,434	351,861	70,372
LOUISIANA	13,406	175,305	22,591
MICHIGAN	30,052	465,743	66,851
MISSISSIPPI	44,383	605,615	88,646
NORTH DAKOTA	251,800	2,680,677	423,795
OHIO	1,202	28,506	3,563
OKLAHOMA	15,310	121,719	15,215
TEXAS	1,083	6,861	858
UTAH	19,075	168,147	21,018
WYOMING	8,557	225,459	33,388
TOTAL	484,746	5,226,574	815,324
	(MCF)		GAS
ARKANSAS	697,904	1,113,391	140,615
CALIFORNIA	35,156	52,518	8,176
KANSAS	270,649	151,326	24,199
LOUISIANA	436,066	773,005	97,129
MICHIGAN	6,529	2,415	384
MISSISSIPPI	9,154	3,473	434
NORTH DAKOTA	851	4,749	593
OHIO	78,215	55,490	6,937
OKLAHOMA	506,076	405,548	50,694
TEXAS	57,633	79,789	9,974
UTAH	7,537	14,297	1,787
TOTAL	2,105,770	2,656,603	340,922

COMPETITIVE STATISTICS

ACQUIRED LANDS CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
	(GALLONS)	GASOLINE AND LPG	
KANSAS	--	5,928	988
NORTH DAKOTA	(7,338)	(404)	(17)
TEXAS	5,140	1,366	171
UTAH	56,351	25,217	1,051
TOTAL	54,153	32,107	2,193
	(BARRELS)	OIL LOST	
NORTH DAKOTA	6	32	4
	(MCF)	GAS LOST	
ARKANSAS	(4,756)	(7,006)	(876)
NORTH DAKOTA	(12,090)	(14,281)	(13,463)
TOTAL	(16,846)	(21,287)	(14,339)
TOTAL ACQUIRED		7,894,029	1,144,104
TOTAL ALL LANDS		503,163,589	68,934,966

Lease Status - All Lands
Oil & Gas and Mining Operations
December 31, 1979

OIL AND GAS LEASES UNDER SUPERVISION									
PUBLIC				ACQUIRED				INDIAN	
STATE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	TOTAL
ALABAMA	63	2,226	390	299,106	---	---	453	301,332	---
ALASKA	59	100,475	---	---	---	---	59	100,475	---
ARIZONA	1,047	3,558,095	16	13,130	---	---	---	---	---
ARKANSAS	468	523,968	769	753,825	45	59,174	1,908	3,634,439	---
CALIFORNIA	1,992	777,798	45	8,376	---	---	---	---	---
COLORADO	9,258	8,530,975	641	325,233	330	289,598	4,037	1,277,793	---
FLORIDA	123	79,486	209	434,866	25	53,110	10,229	9,145,826	---
GEORGIA	---	---	---	---	---	---	37	967,464	---
IDAHO	1,081	3,469,058	27	32,660	---	---	---	---	---
ILLINOIS	---	---	12	2,567	---	---	1,906	3,501,718	---
INDIANA	---	---	9	2,690	---	---	12	2,567	---
KANSAS	195	58,448	153	57,071	2	130	9	2,690	---
KENTUCKY	---	---	143	128,357	---	---	350	115,649	---
LOUISIANA	278	33,399	543	318,860	---	---	143	128,357	---
MARYLAND	---	---	5	5,522	---	---	871	352,239	---
MICHIGAN	162	144,407	504	191,692	1	19	5	5,522	---
MINNESOTA	---	---	---	---	---	---	667	336,110	---
MISSISSIPPI	232	21,260	2,056	858,300	23	5,301	---	---	---
MISSOURI	---	---	---	---	---	---	3,113	884,941	---
MONTANA	10,187	9,416,323	1,950	1,537,354	---	---	---	---	---
NEBRASKA	500	202,444	127	141,111	2,160	678,741	14,317	11,632,408	---
NEVADA	7,651	11,603,741	7	3,697	---	---	627	343,555	---
NEW MEXICO	13,122	9,656,436	167	213,964	---	---	7,658	11,607,438	---
NEW YORK	---	---	16	35,345	---	---	15,058	11,033,430	---
NORTH CAROLINA	---	---	---	---	---	---	16	35,345	---
NORTH DAKOTA	915	338,089	---	---	---	---	---	---	---
OHIO	---	---	1,684	1,198,778	---	---	---	---	---
OKLAHOMA	829	116,118	44	18,226	1,546	267,682	4,145	1,804,549	---
OREGON	460	594,316	417	221,115	---	---	44	18,226	---
PENNSYLVANIA	---	---	25	16,368	4,389	392,106	5,635	719,339	---
SOUTH DAKOTA	---	---	7	2,619	---	---	485	610,704	---
TENNESSEE	1,241	1,540,672	319	379,916	---	---	7	2,619	---
TEXAS	---	---	48	94,189	---	---	1,673	1,941,323	---
UTAH	17,191	20,919,688	367	294,112	---	---	40	94,189	---
VIRGINIA	---	---	157	63,102	2,152	712,363	367	294,112	---
WASHINGTON	74	90,230	221	413,704	---	---	21,525	21,715,353	---
WEST VIRGINIA	---	---	12	15,108	---	---	221	413,794	---
WISCONSIN	---	---	236	357,617	---	---	86	105,398	---
WYOMING	36,407	22,092,395	427	152,224	---	---	236	357,617	---
					1,180	522,876	38,014	23,567,495	

TOTAL 12/31/79	105,135	91,870,247	12,575	8,619,678	13,735	4,155,335	131,445	107,440,256	
TOTAL 12/31/78	109,385	90,711,237	11,404	7,966,290	14,868	4,348,157	130,657	103,025,684	

OIL & GAS CONTINENTAL SHELF

OFF ALABAMA	5	28,495							
OFF ALASKA	115	643,724							
OFF CALIFORNIA	145	770,227							
OFF FLORIDA	35	201,600							
OFF LOUISIANA	1,306	5,673,578							
OFF TEXAS	386	2,057,691							
OFF ATLANTIC	169	962,138							
TOTAL		2,161	10,337,453						
TOTAL		2,026	9,993,701						
GRAND TOTAL									

DOES NOT INCLUDE USAGE NATION,
4,185 OIL & GAS LEASES, 1,093,457
ACRES; AND 10 MINING LEASES,
1,838 ACRES. (9/30/79)

12/31/79	133,606	117,777,709
12/31/78	132,793	113,019,385

NOTE: THE ABOVE REPORT DOES NOT
INCLUDE THE FOLLOWING:

GEOTHERMAL LEASES

LAND	STATE	NUMBER	ACREAGE
FEDERAL	ARIZONA	13	21,541
	CALIFORNIA	53	66,431
	COLORADO	24	34,597
	IDAHO	108	199,169
	NEVADA	517	902,884
	NEW MEXICO	123	223,889
	OREGON	159	244,551
	UTAH	279	472,334
	VIRGINIA	11	19,774
	WYOMING	4	7,948
INDIAN	CALIFORNIA	2	600
(PERMIT)	NEVADA	1	79,590
TOTAL		1,296	2,272,607

Lease Status - All Lands
Oil and Gas and Mining Operations
December 31, 1979
(continued)

MINING LEASES UNDER SUPERVISION										GRAND TOTAL	
STATE	PUBLIC			ACQUIRED			INDIAN			STATE	NUMBER
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER		
ALABAMA	1	2,388	1	40	---	---	---	2,428	455	ALABAMA	455
ALASKA	4	2,593	---	---	2	236	---	2,829	65	ALASKA	65
ARIZONA	8	9,317	---	---	45	76,525	---	85,842	1,961	ARIZONA	1,961
ARKANSAS	---	---	---	---	---	---	---	---	---	ARKANSAS	---
CALIFORNIA	42	42,903	13	11,852	---	---	---	11,852	1,250	CALIFORNIA	1,250
COLORADO	150	209,080	4	819	1	708	---	44,430	2,084	COLORADO	2,084
FLORIDA	3	385	18	8,001	---	---	---	217,081	10,397	FLORIDA	10,397
GEORGIA	---	---	1	80	1	460	---	925	362	GEORGIA	362
IDAH0	91	48,141	5	989	5	21,806	---	70,507	5	IDAH0	5
ILLINOIS	---	---	3	560	---	---	---	4,369	2,143	ILLINOIS	2,143
INDIANA	---	---	9	4,369	---	---	---	---	21	INDIANA	21
KANSAS	---	---	---	---	---	---	---	---	9	KANSAS	9
KENTUCKY	---	---	---	---	---	---	---	---	350	KENTUCKY	350
LOUISIANA	---	---	3	2,224	---	---	---	2,224	146	LOUISIANA	146
MARYLAND	---	---	---	---	---	---	---	---	821	MARYLAND	821
MICHIGAN	---	---	---	---	---	---	---	---	5	MICHIGAN	5
MINNESOTA	---	---	10	9,147	1	52,841	---	61,988	667	MINNESOTA	667
MISSISSIPPI	---	---	---	---	---	---	---	---	11	MISSISSIPPI	11
MISSOURI	---	---	86	113,632	---	---	---	113,632	3,113	MISSOURI	3,113
MONTANA	50	59,337	5	8,698	66	481,543	---	549,578	86	MONTANA	86
NEBRASKA	---	---	---	---	---	---	---	---	14,438	NEBRASKA	14,438
NEVADA	64	116,467	---	---	4	300,607	---	417,074	627	NEVADA	627
NEW MEXICO	202	326,105	2	608	242	549,369	---	876,082	7,726	NEW MEXICO	7,726
NEW YORK	---	---	---	---	---	---	---	---	15,504	NEW YORK	15,504
NORTH CAROLINA	---	---	---	---	---	---	---	---	16	NORTH CAROLINA	16
NORTH DAKOTA	18	17,504	12	38,470	---	---	---	36,470	32	NORTH DAKOTA	32
OHIO	---	---	---	20,394	3	34,872	---	72,770	4,178	OHIO	4,178
OKLAHOMA	49	74,938	1	144	---	---	---	144	45	OKLAHOMA	45
OREGON	3	5,403	---	---	20	2,092	---	77,030	5,704	OREGON	5,704
PENNSYLVANIA	---	---	---	---	---	---	---	5,403	488	PENNSYLVANIA	488
SOUTH DAKOTA	---	---	2	80	---	---	---	80	9	SOUTH DAKOTA	9
TENNESSEE	---	---	---	---	38	8,223	---	8,223	1,711	TENNESSEE	1,711
TEXAS	---	---	1	600	---	---	---	---	49	TEXAS	49
UTAH	263	375,814	---	---	---	---	---	---	367	UTAH	367
VIRGINIA	---	---	---	---	3	2,860	---	378,674	19,766	VIRGINIA	19,766
WASHINGTON	---	---	1	355	---	---	---	355	222	WASHINGTON	222
WEST VIRGINIA	3	561	---	---	73	61,574	---	62,135	162	WEST VIRGINIA	162
WISCONSIN	---	---	---	---	---	---	---	---	236	WISCONSIN	236
WYOMING	153	329,299	14	12,485	---	---	---	12,485	14	WYOMING	14
			6	3,120	11	6,723,066	---	7,085,467	38,184		38,184
TOTAL 12/31/79	1,104	1,620,235	229	236,667	651	8,316,784	1,944	10,473,685	113,429	TOTAL 12/31/79	113,429
TOTAL 12/31/78	1,125	1,612,210	167	158,950	804	6,521,365	2,098	8,292,525	132,755	TOTAL 12/31/78	132,755
OUTER CONTINENTAL SHELF											
ALABAMA	---	---	---	---	---	---	---	---	---	ALABAMA	---
ALASKA	---	---	---	---	---	---	---	---	---	ALASKA	---
CALIFORNIA	---	---	---	---	---	---	---	---	---	CALIFORNIA	---
FLORIDA	---	---	---	---	---	---	---	---	---	FLORIDA	---
LOUISIANA	---	---	---	---	---	---	---	---	---	LOUISIANA	---
TEXAS	---	---	---	---	---	---	---	---	---	TEXAS	---
ATLANTIC	---	---	---	---	---	---	---	---	---	ATLANTIC	---
TOTAL 12/31/79	---	---	---	---	---	---	---	---	---	TOTAL 12/31/79	---
TOTAL 12/31/78	---	---	---	---	---	---	---	---	---	TOTAL 12/31/78	---
GRAND TOTAL											
12/31/79	1,485	10,176,161	---	---	---	---	---	---	---	12/31/79	135,591
12/31/78	1,499	8,295,020	---	---	---	---	---	---	---	12/31/78	134,057
GRAND TOTAL											
12/31/79	1,485	10,176,161	---	---	---	---	---	---	---	12/31/79	135,591
12/31/78	1,499	8,295,020	---	---	---	---	---	---	---	12/31/78	134,057

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY CONSERVATION DIVISION

OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED,
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION

YEARS	OIL AND GAS LEASES UNDER SUPERVISION								MINING LEASES UNDER SUPERVISION								GRAND TOTAL	
	PUBLIC		ACQUIRED		INDIAN a/		TOTAL		PUBLIC		ACQUIRED		INDIAN a/		TOTAL		GRAND TOTAL	
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE
12/31/40	6,658	7,994,748	-	-	4,160	638,361	10,818	8,633,109	678	352,555	-	-	155	40,140	833	392,695	11,651	9,025,804
12/31/45	7,831	5,451,637	-	-	4,895	569,345	12,726	6,020,932	569	453,009	-	-	240	41,227	809	494,236	13,535	6,515,218
12/31/50	34,871	27,187,034	555	604,326	6,820	1,021,205	42,246	28,812,565	913	958,225	91	21,633	248	42,136	1,252	1,021,994	43,498	29,834,559
12/31/55	97,818	72,296,632	3,692	3,572,628	11,552	3,316,597	113,062	79,185,857	1,126	1,519,129	258	146,176	722	1,144,293	2,106	2,809,598	115,168	81,995,455
					OUTER CONTINENTAL SHELF		606	2,351,732					OUTER CONTINENTAL SHELF		5	25,000	611	2,376,732
					GRAND TOTAL		113,668	81,537,589					GRAND TOTAL		2,111	2,834,598	115,779	84,372,187
12/31/59	117,137	110,801,213	6,553	4,741,836	12,465	4,439,626	156,155	119,982,675	2,922	5,209,074	340	205,693	816	2,309,212	4,078	7,723,979	160,233	127,706,654
					OUTER CONTINENTAL SHELF		384	1,465,106					OUTER CONTINENTAL SHELF		5	22,000	389	1,487,106
					GRAND TOTAL		156,539	121,447,781					GRAND TOTAL		4,083	7,745,979	160,622	129,193,760
12/31/60	136,062	109,317,405	6,611	4,697,078	11,877	4,355,353	154,550	118,369,836	2,228	3,744,777	304	202,562	749	2,107,192	3,281	6,054,531	157,831	124,424,367
					OUTER CONTINENTAL SHELF		464	1,968,820					OUTER CONTINENTAL SHELF		5	22,000	469	1,990,820
					GRAND TOTAL		155,014	120,338,656					GRAND TOTAL		3,286	6,076,531	158,300	126,415,187
12/31/64	103,027	67,140,338	7,557	5,093,126	10,539	3,941,818	121,123	76,175,282	1,453	1,919,736	195	124,728	681	5,165,628	2,329	7,210,092	123,452	83,385,374
					OUTER CONTINENTAL SHELF		975	4,365,921					OUTER CONTINENTAL SHELF		6	9,453	981	4,375,374
					GRAND TOTAL		122,098	80,541,203					GRAND TOTAL		2,335	7,219,545	124,433	87,760,748
12/31/65	98,999	62,685,327	7,694	4,980,007	10,436	3,963,572	117,129	71,628,906	1,707	2,255,713	345	321,795	663	1,352,459	2,715	3,929,967	119,844	75,558,873
					OUTER CONTINENTAL SHELF		931	4,120,417					OUTER CONTINENTAL SHELF		6	9,453	937	4,219,870
					GRAND TOTAL		118,060	75,749,323					GRAND TOTAL		2,721	3,939,420	120,781	79,688,743

a/ Except Osage

OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED,
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION (continued)

OIL AND GAS LEASES UNDER SUPERVISION										MINING LEASES UNDER SUPERVISION									
YEAR	PUBLIC		ACQUIRED		INDIAN a/		TOTAL		PUBLIC	ACQUIRED		INDIAN a/		TOTAL		GRAND TOTAL			
	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE		NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE	NUMBER	ACREAGE		
12/31/66	95,501	58,009,475	7,661	4,697,148	9,530	3,465,712	112,692	66,172,335	1,862	2,558,589	364	344,006	640	1,353,081	2,866	4,255,676	115,558	70,428,011	
				OUTER CONTINENTAL SHELF			927	4,024,183				OUTER CONTINENTAL SHELF			47	68,493	974	4,092,676	
				GRAND TOTAL			113,619	70,196,518				GRAND TOTAL			2,913	4,324,169	116,532	74,520,687	
12/31/67	90,797	53,597,281	7,602	4,227,394	8,677	3,240,191	107,076	61,064,866	1,876	2,511,338	497	510,352	892	2,298,008	3,265	5,319,698	110,341	66,384,564	
				OUTER CONTINENTAL SHELF			842	3,544,829				OUTER CONTINENTAL SHELF			41	60,908	883	3,605,737	
				GRAND TOTAL			107,918	64,609,695				GRAND TOTAL			3,306	5,380,606	111,224	69,990,301	
12/31/68	95,506	59,281,821	8,781	5,257,031	9,120	3,288,927	113,407	67,827,779	1,802	2,389,005	530	4,936	1,057	4,368,852	3,389	7,307,793	116,796	75,135,572	
				OUTER CONTINENTAL SHELF			1,006	4,329,441				OUTER CONTINENTAL SHELF			17	26,348	1,023	4,355,789	
				GRAND TOTAL			114,413	72,157,220				GRAND TOTAL			3,406	7,334,141	117,819	79,491,361	
12/31/69	99,047	63,341,395	9,351	5,827,105	9,082	3,299,553	117,480	72,468,053	1,897	2,486,844	473	511,775	918	3,515,719	3,288	6,514,338	120,768	78,982,391	
				OUTER CONTINENTAL SHELF			1,004	4,287,037				OUTER CONTINENTAL SHELF			17	26,213	1,021	4,313,250	
				GRAND TOTAL			118,484	76,755,090				GRAND TOTAL			3,305	6,540,551	121,789	83,295,641	
12/31/70	97,464	61,334,749	9,379	6,110,721	9,150	3,321,492	115,993	70,766,962	1,570	2,465,592	463	527,453	805	1,494,856	2,838	4,487,901	118,831	75,254,863	
				OUTER CONTINENTAL SHELF			1,005	4,261,661				OUTER CONTINENTAL SHELF			12	19,117	1,017	4,280,778	
				GRAND TOTAL			116,998	75,028,623				GRAND TOTAL			2,850	4,507,018	119,848	79,535,641	
12/31/71	94,092	61,244,430	9,155	6,083,951	9,537	3,299,523	112,784	70,627,904	1,411	2,248,807	333	334,302	804	3,332,218	2,548	5,915,327	115,332	76,343,231	
				OUTER CONTINENTAL SHELF			1,072	4,584,718				OUTER CONTINENTAL SHELF			11	17,573	1,083	4,602,291	
				GRAND TOTAL			113,856	75,212,622				GRAND TOTAL			2,559	5,932,900	116,415	81,145,522	

a/ Except Osage

OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED,
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION (cont.)

15

OIL AND GAS AND MINERAL LEASES, LICENSES, AND PERMITS, PUBLIC, ACQUIRED
INDIAN, NAVAL PETROLEUM RESERVE, AND OUTER CONTINENTAL SHELF UNDER SUPERVISION (con't)

16

PRODUCIBLE LEASE STATUS
OIL AND GAS
All Lands
December 31, 1979

Land Category	Number	Acres
Public	11,816	6,515,990
Outer Continental Shelf	1,001	4,424,216
Acquired	695	345,085
Military & Miscellaneous	35	29,087
Indian	<u>3,359</u>	<u>1,160,096</u>
12/31/79 Total	<u>16,906</u>	<u>12,474,474</u>
12/31/78 Total	<u>15,972</u>	<u>11,698,087</u>
Increase	<u>934</u>	<u>776,387</u>
Percent Increase	<u>5.85%</u>	<u>6.64%</u>

PRODUCIBLE LEASE STATUS
OIL AND GAS
As OF DECEMBER 31, 1979

PUBLIC LAND			ACQUIRED LAND		
STATE	No.	ACRES	STATE	NO.	ACRES
Alabama	2	47	Alabama	2	5,739
Alaska	34	63,081	Arkansas	47	23,933
Arkansas	19	2,886	California	15	2,096
California	316	71,809	Colorado	18	4,671
Colorado	945	655,291	Florida	1	1,895
Kansas	103	37,913	Illinois	2	20
Louisiana	66	11,218	Kansas	77	16,346
Mississippi	4	187	Kentucky	4	6,883
Montana	988	554,033	Louisiana	25	16,014
Nebraska	10	3,662	Maryland	3	3,763
Nevada	36	9,799	Michigan	13	4,141
New Mexico	4,284	2,505,578	Mississippi	88	39,802
North Dakota	107	60,609	Montana	63	51,050
Oklahoma	388	51,371	Nebraska	4	368
South Dakota	13	9,782	New Mexico	10	2,996
Utah	618	497,852	North Dakota	116	83,455
Wyoming	3,883	1,980,872	Ohio	12	3,463
			Oklahoma	82	23,532
			Texas	28	7,875
			Utah	13	1,244
			Virginia	1	2,168
			West Virginia	21	27,618
			Wyoming	50	16,013
TOTAL PUBLIC	<u>11,816</u>	<u>6,515,990</u>	TOTAL ACQUIRED	<u>695</u>	<u>345,085</u>

PRODUCIBLE LEASE STATUS
OIL AND GAS
As of December 31, 1979

INDIAN LAND			MILITARY AND MISCELLANEOUS LAND		
STATE	NO.	ACRES	STATE	NO.	ACRES
Arizona	11	18,771	Arkansas	16	9,181
Colorado	98	136,292	Kentucky	2	890
Michigan	1	18	Louisiana	6	12,689
Montana	401	95,524	Nebraska	1	640
New Mexico	426	504,583	Oklahoma	3	3,408
North Dakota	18	3,652	Texas	7	2,279
Oklahoma	1,573	141,799			
South Dakota	3	739			
Utah	731	205,698			
Wyoming	97	53,020			
			TOTAL MILITARY		
			& MISCELLANEOUS	35	29,087
TOTAL INDIAN	3,359	1,160,096			

OUTER CONTINENTAL SHELF		
STATE	NO.	ACRES
California	3	13,155
Louisiana	849	3,640,793
Texas	149	770,268
TOTAL OCS	1,001	4,424,216

PRODUCIBLE OIL AND GAS LEASES
TOTAL OIL AND GAS LEASES
UNDER SUPERVISION
1921 - 1979

Year ^{a/}	PUBLIC		O.C.S.		ACQUIRED		MILITARY		N.P.R.		INDIAN		GRAND TOTAL	
	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total
1921	124	2,727	-	-	-	-	-	-	-	-	-	-	124	2,727
1922	209	7,834	-	-	-	-	-	-	-	-	-	-	209	7,834
1923	278	11,433	-	-	-	-	-	-	-	-	-	-	278	11,433
1924	323	15,196	-	-	-	-	-	-	-	-	-	-	323	15,196
1925	346	18,555	-	-	-	-	-	-	-	-	-	-	346	18,555
1926	402	21,787	-	-	-	-	-	-	12	27	1,225	12,703	1,639	34,517
1927	438	25,595	-	-	-	-	-	-	12	27	1,270	12,008	1,720	37,630
1928	479	22,269	-	-	-	-	-	-	12	27	1,279	10,667	1,770	32,963
1929	511	16,039	-	-	-	-	-	-	12	27	1,297	10,773	1,820	26,839
1930	532	7,158	-	-	-	-	-	-	12	25	1,312	10,601	1,856	17,784
1931	585	5,788	-	-	-	-	-	-	12	25	1,217	9,253	1,814	15,066
1932	598	4,778	-	-	-	-	-	-	12	25	1,150	6,127	1,760	10,930
1933	618	5,251	-	-	-	-	-	-	12	24	1,036	4,459	1,666	9,734
1934	671	6,086	-	-	-	-	-	-	12	24	1,057	4,668	1,740	10,778
1935	700	7,339	-	-	-	-	-	-	12	24	1,030	4,812	1,742	12,175
1936	742	8,327	-	-	-	-	-	-	12	23	1,044	5,592	1,798	13,942
1937	777	9,052	-	-	-	-	-	-	12	22	986	5,342	1,775	14,416
1938	737	8,605	-	-	-	-	-	-	12	22	983	5,382	1,732	14,009
1939	720	8,560	-	-	-	-	-	-	12	22	1,049	4,984	1,781	13,566
1940	717	6,504	-	-	-	-	-	-	12	22	1,044	4,519	1,773	11,045
1941	730	5,325	-	-	-	-	-	-	12	22	1,043	4,123	1,785	9,470
1942	737	4,329	-	-	-	-	-	-	12	22	1,040	4,283	1,789	8,634
1943	761	5,162	-	-	-	-	-	-	12	21	1,037	4,221	1,810	9,404
1944	907	6,075	-	-	-	-	-	-	12	21	1,073	4,573	1,992	10,669
1945	1,193	7,810	-	-	-	-	-	-	12	21	1,015	4,895	2,220	12,726
1946	1,489	9,847	-	-	10	161	-	-	12	21	1,041	5,357	2,552	15,386
1947	1,775	10,917	-	-	12	162	-	-	12	21	1,060	5,864	2,859	16,964
1948	1,891	18,199	-	-	14	257	-	-	12	21	1,036	6,242	2,953	24,719
1949	1,992	23,628	-	-	27	480	-	-	12	17	1,040	6,442	3,071	30,567

PRODUCIBLE OIL AND GAS LEASES
TOTAL OIL AND GAS LEASES
UNDER SUPERVISION

1921 - 1979

Year ^{a/}	PUBLIC		O.C.S.		ACQUIRED		MILITARY		N.P.R.		INDIAN		GRAND TOTAL	
	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total	Prod.	Total
1950	2,125	34,769	74 ^{b/}	85 ^{b/}	34	555	-	-	12	17	1,067	6,820	3,312	42,246
1951	2,262	50,992	-	-	42	1,047	-	-	12	17	1,097	7,289	3,413	59,345
1952	2,525	70,511	-	-	56	1,644	-	-	13	17	1,136	7,869	3,730	80,041
1953	2,849	83,349	-	-	54	2,495	8	12	13	17	1,235	9,182	4,159	95,055
1954	3,192	92,597	58	478	80	3,050	8	12	13	17	1,381	10,615	4,732	106,769
1955	3,508	97,801	108	606	87	3,682	8	10	13	17	1,505	11,552	5,229	113,668
1956	3,783	104,637	171	557	104	4,408	10	15	13	17	1,647	11,374	5,728	121,008
1957	4,156	111,349	213	416	119	4,856	14	16	13	17	1,780	11,963	6,295	128,617
1958	4,584	122,791	230	387	143	5,932	15	16	13	17	1,852	12,260	6,837	141,403
1959	4,920	137,120	272	384	251	6,537	15	16	12	17	1,874	12,465	7,344	156,539
1960	5,064	136,045	293	464	284	6,592	17	19	12	17	1,894	11,877	7,564	155,014
1961	5,623	133,788	309	457	298	6,571	21	21	12	17	1,982	11,366	8,245	152,220
1962	6,074	124,786	326	846	332	7,161	21	22	12	17	2,027	11,068	8,792	143,900
1963	6,292	110,090	357	881	369	6,744	22	22	12	17	2,103	10,719	9,155	128,473
1964	6,498	103,010	369	975	415	7,535	22	22	12	17	2,146	10,539	9,462	122,098
1965	6,764	98,982	419	931	452	7,666	24	28	12	17	2,173	10,436	9,844	118,060
1966	6,909	95,484	482	927	481	7,636	23	25	12	17	2,213	9,530	10,120	113,619
1967	7,122	90,780	519	842	498	7,571	27	31	12	17	2,306	8,677	10,484	107,918
1968	7,739	95,489	531	1,006	518	8,753	26	28	12	17	2,301	9,120	11,127	114,413
1969	8,002	99,030	561	1,004	518	9,322	26	29	12	17	2,292	9,082	11,411	118,484
1970	8,260	97,447	601	1,005	520	9,341	27	38	11	17	2,317	9,150	11,736	116,998
1971	8,413	94,075	642	1,072	515	9,118	30	37	12	17	2,315	9,537	11,927	113,856
1972	8,710	94,204	691	1,014	526	9,239	31	43	12	17	2,361	9,655	12,331	114,172
1973	8,943	94,937	719	1,258	548	10,452	36	40	12	17	2,414	10,315	12,672	117,019
1974	9,311	101,167	741	1,582	567	11,254	38	40	12	17	2,458	11,174	13,127	125,234
1975	9,704	102,085	790	1,784	558	11,752	37	39	13	17	2,649	11,827	13,751	127,504
1976	10,141	101,368	833	1,993	566	11,136	42	42	-	-	2,792	13,271	14,374	127,810
1977	10,704	103,053	896	2,146	600	11,130	36	40	-	-	2,879	12,783	15,115	129,152
1978	11,229	104,385	931	2,096	641	11,367	35	37	-	-	3,136	14,868	15,972	132,753
1979	11,816	105,135	1,001	2,161	695	12,539	35	36	-	-	3,359	13,735	16,906	133,606

^{a/} Fiscal years ended June 30, 1921-1943; calendar years ended December 31, 1944 to date.
Naval Petroleum Reserve and Indian lease data not available for earlier years. Some producing leases are estimated.

^{b/} Tide and Submerged, California. ^{c/} Transferred to the Dept. of Navy October 1, 1976.

PRODUCIBLE AND NONPRODUCING
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31) STATE	PRODUCIBLE		NONPRODUCING		TOTAL	
	Number	Acreage	Number	Acreage	Number	Acreage
<u>PUBLIC LAND</u>						
<u>1974</u>						
California	--	--	19	22,448	19	22,448
Nevada	--	--	1	1,852	1	1,852
Oregon	--	--	1	1,347	1	1,347
Utah	--	--	12	25,355	12	25,355
TOTAL PUBLIC	--	--	33	51,002	33	51,002
<u>PUBLIC LAND</u>						
<u>1975</u>						
Arizona	--	--	4	6,507	4	6,507
California	5	6,125	20	23,429	25	29,554
Colorado	--	--	27	29,947	27	29,947
Idaho	--	--	56	93,631	56	93,631
Nevada	--	--	238	446,824	238	446,824
New Mexico	--	--	57	124,697	57	124,697
Oregon	--	--	27	53,650	27	53,650
Utah	1	2,463	113	196,372	114	198,835
TOTAL PUBLIC	6	8,588	542	975,057	548	983,645
<u>INDIAN LAND</u>						
California	--	--	2	600	2	600
Nevada (Permit)	--	--	2	285,580	2	285,580
TOTAL INDIAN	--	--	4	286,180	4	286,180
GRAND TOTAL 1975	6	8,588	546	1,261,237	552	1,269,825

PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31)	PRODUCIBLE	NONPRODUCING	TOTAL
STATE	Number : Acreage	Number : Acreage	Number : Acreage

PUBLIC LAND

1976

Arizona	--	--	4	5,408	4	5,408
California	7	9,594	29	43,763	36	53,357
Colorado	--	--	36	39,519	36	39,519
Idaho	--	--	85	140,380	85	140,380
Montana	--	--	6	8,445	6	8,445
Nevada	--	--	360	591,880	360	591,880
New Mexico	--	--	86	153,320	86	153,320
Oregon	--	--	84	126,087	84	126,087
Utah	1	2,463	209	339,535	210	341,998
Wyoming	--	--	4	7,448	4	7,448
TOTAL PUBLIC	8	12,057	903	1,455,785	911	1,467,842

INDIAN LAND

California	--	--	2	600	2	600
Nevada (Permit)	--	--	2	291,590	2	291,590
TOTAL INDIAN	--	--	4	292,190	4	292,190

GRAND TOTAL 1976	8	12,057	907	1,747,975	915	1,760,032
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PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31) STATE	PRODUCIBLE		NONPRODUCING		TOTAL	
	Number	Acreage	Number	Acreage	Number	Acreage
<u>1977</u>						
	<u>PUBLIC LAND</u>					
Arizona	--	--	5	7,148	5	7,148
California	7	9,594	28	39,288	35	48,882
Colorado	--	--	28	34,404	28	34,404
Idaho	--	--	128	221,131	128	221,131
Montana	--	--	6	10,687	6	10,687
Nevada	--	--	406	697,254	406	697,254
New Mexico	--	--	89	159,446	89	159,446
Oregon	--	--	125	191,035	125	191,035
Utah	1	2,463	233	399,333	234	401,796
Wyoming	--	--	4	7,448	4	7,448
TOTAL PUBLIC	8	12,057	1,052	1,767,174	1,060	1,779,231
	<u>INDIAN LAND</u>					
California	--	--	2	600	2	600
Nevada (Permit)	--	--	2	291,590	2	291,590
TOTAL INDIAN	--	--	4	292,190	4	292,190
GRAND TOTAL 1977	8	12,057	1,056	2,059,364	1,064	2,071,421

PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

YEAR (DEC. 31)	PRODUCIBLE		NONPRODUCING		TOTAL	
STATE	Number	Acreage	Number	Acreage	Number	Acreage
<u>1978</u>						
<u>PUBLIC LAND</u>						
Arizona	--	--	5	7,148	5	7,148
California	7	9,512	39	52,891	46	62,403
Colorado	--	--	24	31,200	24	31,200
Idaho	--	--	178	319,091	178	319,091
Montana	--	--	6	10,687	6	10,687
Nevada	--	--	400	686,276	400	686,276
New Mexico	--	--	94	166,654	94	166,654
Oregon	--	--	145	227,085	145	227,085
Utah	3	6,985	247	412,953	250	419,938
Virginia	--	--	11	19,774	11	19,774
Wyoming	--	--	4	7,448	4	7,448
TOTAL PUBLIC	10	16,497	1,153	1,941,207	1,163	1,957,704
<u>INDIAN LAND</u>						
California	--	--	2	600	2	600
Nevada (Permit)	--	--	1	79,590	1	79,590
TOTAL INDIAN	--	--	3	80,190	3	80,190
GRAND TOTAL 1978	10	16,497	1,156	2,021,397	1,166	2,037,894

PRODUCIBLE AND NONPRODUCING
(continued)
GEOTHERMAL LEASES UNDER SUPERVISION

: YEAR (DEC. 31) :	PRODUCING		:	PRODUCIBLE		:	NONPRODUCING		:	TOTAL		:
: STATE :	Number	Acreage	:	Number	Acreage	:	Number	Acreage	:	Number	Acreage	:
<u>1979</u>												
Arizona	-	-	-	-	-	13	21,541	13	21,541			
California	2	513	8	9,422	43	56,496	53	66,431				
Colorado	-	-	-	-	24	34,597	24	34,597				
Idaho	-	-	-	-	108	199,168	108	199,168				
Nevada	-	-	10	11,698	507	891,187	517	902,885				
New Mexico	1	2,501	-	-	122	221,389	123	223,890				
Oregon	-	-	-	-	159	244,551	159	244,551				
Utah	-	-	10	18,641	269	453,693	279	472,334				
Virginia	-	-	-	-	11	19,774	11	19,774				
Wyoming	-	-	-	-	4	7,448	4	7,448				
TOTAL PUBLIC	3	3,014	28	39,761	1,260	2,149,844	1,291	2,192,619				
<u>INDIAN LAND</u>												
California	-	-	-	-	2	600	2	600				
Nevada (Permit)	-	-	-	-	1	79,590	1	79,590				
TOTAL INDIAN	-	-	-	-	3	80,190	3	80,190				
GRAND TOTAL 1979	3	3,014	28	39,761	1,263	2,230,034	1,294	2,272,809				

PART 3

FEDERAL AND INDIAN LANDS DEVELOPMENT

This part provides statistical data on the well activity, well status, and unitization agreements.

WELL ACTIVITY
All Lands
As of December 31, 1979

LAND CATEGORY	NEW WELLS STARTED	WELLS COMPLETED	PRODUCIBLE ZONE COMPLETIONS				DRY HOLES, FAILURES, ABANDONED
			OIL	GAS	SERVICE INP.	- DISP.	
Public	2,047	1,463	564	935		35	518
Outer Continental Shelf	1,112	577	256	419		6	327
Acquired	171	103	87	16		2	51
Military & Miscellaneous	2	-	-	-		-	-
Indian	462	316	161	177		8	89
TOTAL ALL LANDS	3,794	2,459	1,068	1,547		51	985

WELL ACTIVITY
Public Lands
As of December 31, 1979

STATE	NEW WELLS STARTED	WELLS COMPLETED	Producibile Zone Completions			DRY HOLES, FAILURES, ABANDONED
			OIL	GAS	SERVICE INP. - DISP.	
Alaska	16	5	-	8	-	2
Arkansas	3	-	-	-	-	2
California	108	102	93	1	8	8
Colorado	162	116	3	114	-	41
Idaho	1	-	-	-	-	1
Kansas	4	7	2	5	-	1
Mississippi	1	1	1	-	-	-
Montana	51	35	6	29	-	17
North Dakota	21	12	12	-	-	2
Nebraska	10	2	2	-	-	6
New Mexico	756	640	158	527	5	113
Nevada	10	3	1	-	1	7
Oklahoma	2	2	-	2	-	2
South Dakota	3	2	2	-	-	1
Utah	192	109	19	86	5	64
Wyoming	707	427	265	163	16	251
Total Public Lands	2,047	1,463	564	935	35	518

WELL ACTIVITY
Outer Continental Shelf
As of December 31, 1979

STATE	NEW WELLS STARTED	WELLS COMPLETED	PRODUCIBLE ZONE COMPLETION				DRY HOLES, FAILURES, ABANDONED
			OIL	GAS	INP.	SERVICE - DISP.	
Alaska	-	-	-	-	-	-	-
Atlantic	14	-	-	-	-	-	16
California	1	1	1	-	-	-	-
Louisiana	779	544	233	405	6	6	184
MAFLA	41	19	22	1	-	-	21
Texas	277	13	-	14	-	-	106
TOTAL	1,112	577	256	420	6	6	327

WELL ACTIVITY
Acquired Lands
As of December 31, 1979

STATE	NEW WELLS STARTED	WELLS COMPLETED	PRODUCIBLE ZONE COMPLETIONS			DRY HOLES, FAILURES, ABANDONED
			OIL	GAS	SERVICE INP. - DISP.	
Alabama	1	1	1	-	-	2
Arkansas	6	2	-	3	-	6
California	41	42	41	1	1	3
Colorado	3	-	-	-	-	3
Kansas	3	3	-	3	-	-
Kentucky	1	-	-	-	-	1
Louisiana	2	3	2	1	-	1
Michigan	1	-	-	-	-	1
Mississippi	14	1	1	-	-	14
Montana	12	6	-	6	-	6
Nebraska	2	-	-	-	-	2
North Dakota	74	39	38	-	1	8
Oklahoma	4	4	2	2	-	1
South Dakota	2	-	-	-	-	1
Texas	2	1	1	-	-	-
Virginia	1	-	-	-	-	1
Wyoming	2	1	1	-	-	1
Total Acquired	171	103	87	16	2	51

WELL ACTIVITY
Military & Miscellaneous
As of December 31, 1979

STATE	NEW WELLS STARTED	WELLS COMPLETED	Producibile Zone Completions				DRY HOLES, FAILURES ABANDONED
			OIL	GAS	SERVICE INP.	- DISP.	
Arkansas	1	-	-	-	-	-	-
Oklahoma	1	-	-	-	-	-	-
Total Military & Miscellaneous	2	-	-	-	-	-	-

WELL ACTIVITY
Indian Lands
As of December 31, 1979

STATE	NEW WELLS STARTED	WELLS COMPLETED	Producibile Zone Completions				DRY HOLES. FAILURES, ABANDONED	
			OIL	GAS	SERVICE			
					INP.	-	DISP.	
Arizona	1	1	1	1		-		1
Colorado	53	33	-	46		-		8
Florida	1	-	-	-		-		1
Montana	17	7	7	-		-		8
New Mexico	200	146	62	95		-		33
Oklahoma	95	65	45	15		5		18
South Dakota	1	-	-	-		-		1
Utah	40	28	25	3		-		7
Wyoming	54	36	21	17		3		12
TOTAL INDIAN	462	316	161	177		8		89

W E L L A C T I V I T Y
TOTAL ALL LANDS
1920 - 1979

Year	New Wells Started	Wells Completed	Producibile Zone Completions			Dry Holes, Failures, Abandoned
			Oil	Gas	Service Inp.-Disp.	
1920-1921	782	332	315	17	-	10
1922	787	300	282	18	-	15
1923	320	278	253	25	-	20
1924	618	598	568	30	-	18
1925	194	713	701	12	-	45
1926	965	473	459	14	-	67
1927	1,228	385	375	10	-	70
1928	1,152	555	543	12	-	55
1929	764	455	406	49	-	49
1930	5,916	5,709	5,460	249	-	55
1931	744	325	289	36	-	143
1932	745	265	257	8	-	118
1933	1,394	599	593	6	-	116
1934	657	394	382	12	-	294
1935	723	261	250	11	-	270
1936	683	545	511	34	-	199
1937	784	595	562	33	-	242
1938	624	509	462	47	-	197
1939	814	466	440	26	-	333
1940	736	635	594	41	-	187
1941	645	492	439	53	-	185
1942	633	496	460	36	-	148
1943	571	448	393	55	-	140
1944	750	510	456	54	-	240
1945	1,058	879	814	65	-	283
1946	778	594	512	82	-	252
1947	1,015	760	670	90	-	297
1948	1,280	941	801	140	-	434
1949	1,063	730	632	98	-	426
1950	1,105	746	618	128	-	400

Note: 1930 Indian Land includes well activity prior to 1930.

W E L L A C T I V I T Y
TOTAL ALL LANDS
1920 - 1979

: Year	: New Wells Started	: Wells Completed	: Producing Zone Completions	: Service Inp.-Disp.	: Dry Holes, Failures, Abandoned
			Oil	Gas	
1951	1,061	661	539	122	317
1952	1,120	644	472	172	374
1953	1,218	710	482	228	388
1954	1,534	1,104	735	369	410
1955	1,448	957	633	324	433
1956	1,798	1,154	641	513	530
1957	1,917	1,256	790	466	585
1958	1,820	1,244	825	419	587
1959	1,702	1,077	683	394	613
1960	2,014	1,300	868	432	763
1961	2,130	1,425	926	490	726
1962	1,931	1,272	824	448	756
1963	1,719	1,130	733	393	694
1964	1,746	1,195	821	304	882
1965	1,738	1,210	773	281	875
1966	1,536	1,049	696	328	891
1967	1,650	1,093	788	247	805
1968	2,091	1,163	885	220	1,380
1969	1,969	1,142	854	259	1,255
1970	1,444	901	696	186	961
1971	1,307	738	497	225	945
1972	1,627	868	537	317	1,037
1973	1,575	967	425	519	902
1974	3,128	1,590	927	734	2,565
1975	3,159	1,981	1,148	883	2,099
1976	3,073	1,789	1,053	800	1,026
1977	3,777	2,291	1,192	1,180	985
1978	3,834	2,281	1,061	1,356	1,078
1979	3,794	2,459	1,068	1,548	985

NOTE: Well Activity is on a fiscal year basis for 1921-1963 and a calendar year basis beginning with 1964. 1921-1950 includes some estimated data. 1930 includes Well Activity for Indian Land prior years. Well completions equal hole completions beginning with Calendar Year 1966. The producible oil and gas and service completions represent the various horizontal zone completions in each well completed. E.g., during the year 1979 there were 2,667 zones completed in 2,459 wells completed.

W E L L A C T I V I T Y
PUBLIC LAND
1920 - 1979

: Year :	New Wells Started :	Wells Completed :	: Produccible Zone Completions :			: Dry Holes, : : Failures, : : Abandoned :
			Oil :	Gas :	Service Inp.-Disp. :	
1920-1921	782	332	315	17	-	10
1922	787	300	282	18	-	15
1923	320	278	253	25	-	20
1924	618	598	568	30	-	18
1925	194	713	701	12	-	45
1926	439	82	72	10	-	57
1927	1,209	356	349	7	-	65
1928	1,051	472	465	7	-	52
1929	738	428	385	43	-	47
1930	62	155	146	9	-	35
1931	111	149	113	36	-	103
1932	79	39	31	8	-	78
1933	80	53	47	6	-	66
1934	144	89	77	12	-	216
1935	203	120	109	11	-	170
1936	226	181	178	13	-	123
1937	333	257	243	14	-	110
1938	362	316	285	31	-	119
1939	325	224	212	12	-	96
1940	468	361	331	30	-	144
1941	417	356	312	44	-	143
1942	402	332	303	29	-	99
1943	383	314	270	44	-	96
1944	496	350	317	33	-	173
1945	555	437	394	43	-	203
1946	536	411	350	61	-	166
1947	591	460	380	80	-	170
1948	814	638	536	102	-	274
1949	745	565	476	89	-	321
1950	780	550	437	113	-	252

WELL ACTIVITY

PUBLIC LAND
1920 - 1979

Year	New Wells Started	Wells Completed	Producibile Zone Completions			Dry Holes, : Failures, : Abandoned :	
			Oil	Gas	Service Inp.-Disp.		
1951	1,450	878	744	134	-		461
1952	1,528	902	703	199	-		493
1953	1,689	1,016	751	265	-		533
1954	2,101	1,466	1,059	407	-		549
1955	2,129	1,396	983	413	-		633
1956	2,775	1,732	1,043	689	-		818
1957	3,056	2,031	1,330	701	-		925
1958	3,022	2,088	1,456	632	-		985
1959	3,122	2,096	1,513	583	-		914
1960	3,411	2,427	1,798	629	-		1,112
1961	3,363	2,474	1,688	738	48		1,116
1962	3,128	2,436	1,637	732	67		1,133
1963	2,853	2,115	1,429	610	76		1,106
1964	3,061	2,282	1,591	523	168		1,579
1965	3,181	2,073	1,540	483	255		1,669
1966	2,946	1,812	1,467	585	83		1,884
1967	3,044	1,748	1,447	420	156		1,622
1968	3,568	1,840	1,586	455	123		2,156
1969	3,446	1,900	1,574	481	131		2,009
1970	2,665	1,688	1,510	500	54		1,631
1971	2,492	1,290	982	511	54		1,782
1972	2,803	1,383	966	554	57		1,875
1973	2,668	1,552	811	882	72		1,692
1974	3,128	1,590	927	734	78		2,565
1975	1,833	1,302	608	535	103		1,301
1976	1,576	1,040	599	422	49		550
1977	2,079	1,368	675	652	79		517
1978	2,210	1,441	670	793	52		623
1979	2,047	1,463	564	935	35		518

W E L L A C T I V I T Y
OUTER CONTINENTAL SHELF
1954 - 1979

: End	: New	:	:	: <u>Producible Zone Completions</u>	:	: Dry Holes,	:
: of	: Wells	:	: Wells	:	: Service	: Failures,	:
: Year	: Started	:	: Completed	: Oil	: Gas	: Inp.-Disp.:	: Abandoned :
1954	5		5	3	2	-	2
1955	148		90	59	31	-	45
1956	230		123	98	25	-	87
1957	322		177	133	44	-	109
1958	304		225	174	51	-	126
1959	278		210	162	48	-	72
1960	403		425	333	92	-	106
1961	461		462	337	125	-	114
1962	453		539	409	130	-	135
1963	537		516	421	95	-	210
1964	688		612	507	102	3	241
1965	809		427	538	94	-	290
1966	823		415	528	143	2	464
1967	868		350	455	102	9	359
1968	995		436	550	166	7	349
1969	923		435	520	125	5	446
1970	900		605	681	266	13	357
1971	841		407	393	240	7	552
1972	847		338	306	180	10	448
1973	820		420	304	288	8	506
1974	816		310	226	155	17	547
1975	882		392	225	277	13	546
1976	1,041		432	264	258	8	349
1977	1,158		528	292	347	12	355
1978	1,144		489	221	375	20	334
1979	1,112		577	256	420	6	327

NOTE: Well activity is on a Fiscal Year basis for 1954-1963 and a Calendar Year basis beginning with 1964. Wells completed equal hole completions beginning with Calendar Year 1965. The producible oil and gas and service completions represent the various horizontal zone completions in each well completed. E.g., during the year 1979 there were 682 zones completed in 577 wells completed.

WELL ACTIVITY

Acquired Land

1948 - 1979

: Year	: New Wells Started	: Wells Completed	: Producing Zone Completions	: Service Inp.-Disp.	: Dry Holes, Failures, Abandoned
			Oil	Gas	
1948	120	93	83	10	5
1949	34	15	15	-	10
1950	44	27	25	2	16
1951	54	32	30	2	19
1952	69	55	38	17	13
1953	56	26	21	5	25
1954	63	29	21	8	38
1955	18	4	2	2	14
1956	39	12	9	3	19
1957	95	37	33	4	52
1958	64	36	22	14	42
1959	97	41	22	19	56
1960	81	28	20	8	62
1961	95	47	36	11	57
1962	84	27	21	6	60
1963	99	45	34	9	51
1964	178	78	65	12	118
1965	200	84	59	12	138
1966	222	108	86	25	128
1967	131	41	40	2	107
1968	160	50	40	7	136
1969	145	33	30	3	127
1970	72	13	11	-	89
1971	69	16	8	6	92
1972	59	12	9	1	78
1973	47	15	12	3	81
1974	60	19	8	12	90
1975	72	25	16	12	65
1976	65	26	14	13	36
1977	80	32	17	16	15
1978	101	39	18	21	47
1979	171	103	87	16	51

WELL ACTIVITY
Military Land
1953 - 1979

: Year :	New Wells Started :	Wells Completed :	Producibile Zone Completions :			Dry Holes, Failures, Abandoned :
:	:	:	Oil :	Gas :	Service Inp.-Disp. :	:
1953	-	2	-	2	-	-
1954	1	2	1	1	-	-
1955	3	3	-	3	-	-
1956	8	7	3	4	-	-
1957	10	6	5	1	-	2
1958	12	22	21	1	-	-
1959	10	18	16	2	-	-
1960	37	20	19	1	-	-
1961	36	39	15	21	3	-
1962	58	133	63	52	18	2
1963	19	30	17	9	4	-
1964	20	24	22	2	-	6
1965	6	3	1	2	-	4
1966	4	4	3	-	1	3
1967	5	5	3	2	1	2
1968	4	3	-	3	-	4
1969	-	-	-	-	-	2
1970	5	1	-	2	-	3
1971	3	2	-	2	-	6
1972	11	4	1	4	-	28
1973	4	5	-	7	-	7
1974	2	1	-	2	-	7
1975	7	1	-	1	-	5
1976	4	7	3	5	-	1
1977	7	6	2	7	1	3
1978	5	2	2	-	-	1
1979	2	-	-	-	-	-

W E L L A C T I V I T Y
NAVAL PETROLEUM RESERVE
1920 - 1979

Year	New Wells Started	Wells Completed	Producibile Zone Completions			Dry Holes, Failures, Abandoned
			Oil	Gas	Service Inp.-Disp.	
1920-1926	526	391	387	4	-	10
1927	19	29	26	3	-	5
1928	101	83	78	5	-	3
1929	26	27	21	6	-	2
1930	8	-	-	-	-	-
1931	3	3	3	-	-	10
1932	-	-	-	-	-	-
1933	4	3	3	-	-	-
1934	8	5	5	-	-	18
1935	14	10	10	-	-	30
1936	5	6	5	1	-	-
1937	12	11	11	-	-	24
1938	7	8	8	-	-	2
1939	1	2	2	-	-	-
1940	-	-	-	-	-	-
1941	-	-	-	-	-	-
1942	-	-	-	-	-	-
1943	5	20	20	-	-	1
1944	5	2	2	-	-	-
1945	309	298	296	2	-	8
1946	30	28	28	-	-	9
1947	20	19	19	-	-	5
1948	10	9	9	-	-	1
1949	2	2	2	-	-	-
1950	1	1	1	-	-	-
1951	1	1	1	-	-	-
1952	11	9	9	-	-	-
1953	19	17	17	-	-	1
1954	9	7	7	-	-	3
1955	11	12	12	-	-	-

W E L L A C T I V I T Y
NAVAL PETROLEUM RESERVE
1920 - 1979

: Year	: New Wells Started	: wells Completed	: Producing Zone Completions	: Oil	: Gas	: Service Inp.-Disp.	: Dry Holes, Failures, Abandoned
1956	14	14	14	-	-	-	-
1957	10	9	9	-	-	-	-
1958	13	12	12	-	-	-	-
1959	26	23	23	-	-	-	1
1960	12	12	12	-	-	-	-
1961	8	8	8	-	-	-	-
1962	94	70	68	2	-	-	2
1963	9	8	8	-	-	-	-
1964	13	13	13	-	-	-	1
1965	8	8	7	-	1	-	-
1966	16	18	17	-	-	25	2
1967	19	19	4	-	-	-	3
1968	5	3	2	1	-	-	2
1969	10	8	8	-	-	-	1
1970	13	14	13	1	-	-	-
1971	3	2	2	-	-	-	1
1972	1	1	1	-	-	-	-
1973	-	-	-	-	-	-	1
1974	-	-	-	-	-	-	2
1975	5	4	4	-	-	-	-
1976	5	4	4	-	-	-	-
1977 - 1979	-	-	-	-	-	-	-

NOTE: Earlier years include NPR Nos. 1, 2, 3, and 4; 1955 and subsequent years are for NPR No. 2 only.
On October 1, 1976, the supervisory function of the Naval Petroleum Reserve No. 2 was transferred to the Department of the Navy.

WELL ACTIVITY
INDIAN LAND
1930 - 1978

: Year :	New Wells Started :	Wells Completed :	Producibile Zone Completions :		Service Inp.-Disp. :	Dry Holes, Failures, Abandoned :
			Oil :	Gas :		
1930 ^{a/}	5,846	5,554	5,314	240	-	20
1931	630	173	173	-	-	30
1932	666	226	226	-	-	40
1933	1,310	543	543	-	-	50
1934	505	300	300	-	-	60
1935	506	131	131	-	-	70
1936	452	348	328	20	-	76
1937	439	327	308	19	-	108
1938	255	185	169	16	-	76
1939	488	240	226	14	-	237
1940	268	274	263	11	-	43
1941	228	136	127	9	-	42
1942	231	164	157	7	-	49
1943	183	114	103	11	-	43
1944	249	158	137	21	-	67
1945	194	144	124	20	-	72
1946	212	155	134	21	-	77
1947	404	281	271	10	-	122
1948	336	201	173	28	-	154
1949	282	148	139	9	-	95
1950	280	168	155	13	-	132
1951	334	184	174	10	-	125
1952	328	194	184	10	-	106
1953	396	261	231	30	-	119
1954	489	319	292	27	-	96
1955	501	330	277	53	-	141
1956	686	422	278	144	-	182
1957	702	546	360	186	-	177
1958	809	549	402	147	-	230

^{a/} Includes well activity prior to 1930.

W E L L A C T I V I T Y
INDIAN LAND
1930 - 1979

: Year :	New Wells Started :	Wells Completed :	: <u>Producible Zone Completions</u> :			: Dry Holes, Failures, Abandoned :
			Oil :	Gas :	Service Inp.-Disp. :	
1959	1,009	727	607	120	-	172
1960	864	642	546	96	-	181
1961	633	493	366	91	36	219
1962	508	395	252	94	49	178
1963	470	386	216	104	66	151
1964	416	360	163	103	94	331
1965	420	341	162	94	85	362
1966	345	218	137	89	9	396
1967	371	240	157	67	28	346
1968	313	185	109	58	33	285
1969	399	282	162	94	48	286
1970	231	154	109	45	13	221
1971	269	125	82	38	18	289
1972	258	160	112	52	5	284
1973	222	145	70	72	9	195
1974	308	212	143	55	17	214
1975	360	257	205	58	5	182
1976	382	280	169	102	10	90
1977	453	357	206	158	3	95
1978	374	310	150	167	20	73
1979	462	316	161	177	8	89

GEOTHERMAL

WELL ACTIVITY

:	New		Producibile Zone Completions			Dry Holes, :
: Year	Wells	Wells		Service		Failures, :
: State	Started	Completed	Water	Steam	Inp.-Disp.	Abandoned :

Public Land

1974

California	1	-	-	-	-	-
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1975

California	9	7	1	6	-	-
Utah	4	2	1	-	1	-

Total	13	9	2	6	1	-
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1976

Utah	-	1	1	-	-	-
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1977

California	2	1	1	-	-	1
Nevada	2	-	-	-	-	-
Utah	2	1	1	-	1	-

Total	6	2	2	-	1	1
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1978

California	4	2	1	-	1	-
Nevada	1	-	-	-	-	-
Utah	-	1	-	-	1	-

Total	5	3	1	-	2	-
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1979

California	3	1	-	1	-	-
Nevada	3	-	-	-	-	1

Total	6	1	-	1	-	1
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W E L L S T A T U S
ALL LANDS
As of December 31, 1979

LAND CATEGORY	NEW WELLS DRILLING		WELLS COM- PLETED	PRODUCIBLE ZONE COMPLETIONS				TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	ALL OTHER WELLS NOT P&A	WELLS P&A	TOTAL WELLS
				ACTIVE		SHUT-IN						
	ACT.	SUSP'D		OIL	GAS	OIL	GAS					
Public	837	142	32,845	17,296	10,996	171	1,214	29,677	4,711	5,887	25,757	65,468
OCS	179	402	8,434	2,781	3,266	1,045	704	7,796	349	1,080	7,587	17,682
Acquired	52	5	826	514	113	15	74	716	169	335	1,948	3,166
Military & Miscellaneous	4	-	204	114	155	10	9	288	41	30	81	319
Indian	166	24	7,876	4,223	2,412	54	77	6,766	1,565	1,108	5,779	14,953
Total All Lands	1,238	573	50,185	24,928	16,942	1,295	2,078	45,243	6,835	8,440	41,152	101,588

W E L L S T A T U S
Public Lands
As of December 31, 1979

STATE	NEW WELLS DRILLING		WELLS COM- PLETED	PRODUCIBLE ZONE COMPLETIONS				TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	ALL OTHER WELLS NOT P&A	WELLS P&A	TOTAL WELLS
	ACT.	SUSP'D		ACTIVE		SHUT-IN						
				OIL	GAS	OIL	GAS					
Alaska	6	1	118	51	53	9	12	125	17	9	153	287
Alabama	-	-	-	-	-	-	-	-	-	1	-	1
Arkansas	2	-	3	-	5	-	-	5	-	-	9	14
Arizona	-	1	-	-	-	-	-	-	-	4	76	81
California	4	-	4,035	3,710	16	34	-	3,605	276	653	2,208	6,899
Colorado	132	4	1,588	518	595	25	322	1,460	147	487	1,981	4,192
Idaho	1	-	-	-	-	-	-	-	-	3	18	22
Illinois	-	-	-	-	-	-	-	-	-	-	1	1
Kansas	3	-	112	35	64	-	4	103	9	11	25	151
Louisiana	-	-	91	69	14	2	1	86	12	12	85	188
Michigan	-	-	-	-	-	-	-	-	-	1	3	4
Mississippi	-	-	2	4	-	-	-	4	-	-	9	11
Montana	23	45	1,315	521	297	1	267	1,086	244	505	1,854	3,742
North Dakota	11	-	127	78	22	4	-	104	23	29	30	197
Nebraska	2	-	12	8	2	2	-	12	1	12	20	46
New Mexico	272	38	14,581	5,312	8,409	5	216	13,942	1,479	1,445	6,207	22,543
Nevada	4	3	31	25	-	1	-	26	5	16	160	214
Oklahoma	1	-	164	85	60	3	3	151	22	19	178	362
Oregon	-	-	-	-	-	-	-	-	-	-	11	11
South Dakota	2	-	9	9	-	-	-	9	-	13	99	123
Utah	87	12	1,082	471	300	5	167	943	195	307	1,645	3,133
Wyoming	287	38	9 575	6,400	1,159	80	222	7,861	2,281	2,360	10,985	23,245
Total Public	837	142	32,845	17,296	10,996	171	1,214	29,522	4,711	5,887	25,757	65,467

WELL STATUS
OUTER CONTINENTAL SHELF
AS OF DECEMBER 31, 1979

:	PRODUCIBLE ZONE COMPLETIONS								ALL				:	
	: YEAR,	NEW WELLS		WELLS COM-	ACTIVE		SHUT-IN		TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	OTHER		WELLS P&A	TOTAL: WELLS:
		DRILLING			OIL	GAS	OIL	GAS			WELLS NOT P&A			
		ACT.	SUSP'D									P&A		
: STATE	ACT.	SUSP'D	PLETED	OIL	GAS	OIL	GAS	SHUT-IN	DISP.	NOT P&A	P&A	WELLS:		
1979														
Alaska	2	-	-	-	-	-	-	-	-	-	-	25	27	
Atlantic	4	-	-	-	-	-	-	-	-	-	26	28	58	
California	4	11	223	205	-	6	-	211	30	13	203	454		
MAFLA	-	-	41	55	2	7	1	65	1	-	118	159		
Louisiana	100	391	7,710	2,499	2,991	1,017	635	7,142	314	782	6,305	15,288		
Oregon	-	-	-	-	-	-	-	-	-	-	4	4		
Texas	69	-	460	22	273	15	68	378	4	259	896	1,684		
Washington	-	-	-	-	-	-	-	-	-	-	8	8		
TOTAL	179	402	8,434	2,781	3,266	1,045	704	7,796	349	1,080	7,587	17,682		

1979

	OTHER ZONE COMPLETIONS		
	<u>Louisiana</u>	<u>Texas</u>	<u>Total</u>
SHUT-IN RESTORABLE COMPLETIONS - UNDERMINED HYDROCARBONS.	121	44	165
SHUT-IN NON-RESTORABLE COMPLETIONS.	<u>3,552</u>	<u>83</u>	<u>3,635</u>
TOTAL	<u>3,673</u>	<u>127</u>	<u>3,800</u>

NOTE: 1978 statistics were calculated, in part, from the computerized Well Status and Production System (WSPS). Well data formerly included in the "All Other Wells Not P&A" category are not included within either the "Wells Completed" category or the "New Units Drilling Suspended" category.

MAFLA = Mississippi, Alabama, Florida

W E L L S T A T U S
Acquired Lands
As of December 31, 1979

STATE	PRODUCIBLE ZONE COMPLETIONS								ALL			
	NEW WELLS		WELLS COM- PLETED					TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	OTHER WELLS NOT P&A	WELLS P&A	TOTAL: WELLS:
	DRILLING			ACTIVE		SHUT-IN						
	ACT.	SUSP'D		OIL	GAS	OIL	GAS					
Alabama	-	-	2	1	-	1	-	2	-	4	3	9
Arkansas	-	-	13	1	12	-	7	20	2	4	49	66
California	-	-	17	14	1	-	-	15	2	2	15	34
Colorado	1	-	12	2	4	-	5	11	1	14	116	143
Florida	-	-	-	-	-	-	-	-	-	6	15	21
Illinois	-	-	2	2	-	-	-	2	-	-	4	6
Indiana	-	-	1	-	-	1	-	1	-	-	5	6
Kansas	2	-	14	3	17	-	3	23	1	6	10	32
Kentucky	-	-	8	-	7	-	1	8	-	4	19	31
Louisiana	-	-	84	64	16	10	2	92	7	43	59	186
Maryland	-	-	5	-	5	-	-	5	-	1	2	8
Michigan	-	-	37	25	4	-	-	29	8	24	92	153
Mississippi	-	-	224	172	7	-	1	180	54	80	1,070	1,374
Montana	8	3	57	11	5	-	43	59	2	36	114	218
North Dakota	37	1	179	153	-	3	-	156	27	58	78	353
Nebraska	-	-	2	-	1	-	-	1	1	1	22	25
New Mexico	-	-	1	-	-	-	-	-	1	-	2	3
Ohio	-	-	13	4	9	-	-	13	-	1	77	91
Oklahoma	-	-	32	24	11	-	1	36	2	4	33	69
Pennsylvania	-	-	7	-	7	-	-	7	-	-	3	10
South Dakota	1	-	-	-	-	-	-	-	-	1	11	13
Texas	1	1	15	7	6	-	1	14	2	1	34	52
Utah	-	-	3	3	-	-	-	3	-	-	1	4
Virginia	-	-	-	-	-	-	-	-	-	2	-	2
West Virginia	-	-	59	-	1	-	10	11	48	-	12	71
Wyoming	2	-	39	28	-	-	-	28	11	43	102	186
Total Acquired	52	5	826	514	113	15	74	716	169	335	1,948	3,166

WELL STATUS
Military & Miscellaneous
As of December 31, 1979

STATE	NEW WELLS DRILLING		WELLS COM- PLETED	PRODUCIBLE ZONE COMPLETIONS				TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	ALL OTHER WELLS		WELLS P&A	TOTAL WELLS
	ACT.	SUSP'D		ACTIVE		SHUT-IN							
				OIL	GAS	OIL	GAS						
Arkansas	1	-	13	-	19	-	-	19	-	-		8	22
California	-	-	-	-	-	-	-	-	-	-		3	3
Kentucky	-	-	57	26	-	-	-	26	31	12		5	74
Louisiana	-	-	117	84	121	8	9	222	10	18		22	157
Oklahoma	3	-	8	2	7	-	-	9	-	-		6	17
Texas	-	-	9	2	8	2	-	12	-	-		37	46
Total Military & Miscellaneous	4	-	204	114	155	10	9	288	41	30		81	319

WELL STATUS
Indian Lands
As of December 31, 1979

STATE	NEW WELLS		WELLS COM- PLETED	PRODUCIBLE ZONE COMPLETIONS				TOTAL ACT. & SHUT-IN	SERV. INP. DISP.	ALL		
	DRILLING			ACTIVE		SHUT-IN				OTHER WELLS NOT P&A	WELLS P&A	TOTAL WELLS
	ACT	SUSP'D		OIL	GAS	OIL	GAS					
Alaska	-	-	-	-	-	-	-	-	-	-	7	7
Arizona	-	2	48	36	2	3	4	45	3	13	177	240
Colorado	25	-	367	22	383	-	2	407	3	10	342	744
Florida	-	-	1	1	-	-	-	1	-	5	-	6
Michigan	-	-	1	1	-	-	-	1	-	-	-	1
Mississippi	-	-	-	-	-	-	-	-	-	1	-	1
Montana	9	14	728	432	43	-	13	488	244	180	399	1,330
North Dakota	-	-	20	15	-	-	-	15	5	4	29	53
New Mexico	63	4	2,261	657	1,672	9	32	2,370	139	279	1,662	4,269
Oklahoma	37	3	2,809	1,859	221	37	23	2,140	787	410	2,337	5,596
South Dakota	-	-	5	3	-	-	-	3	2	8	5	18
Utah	13	-	979	717	7	-	1	725	258	113	383	1,488
Washington	-	-	-	-	-	-	-	-	-	-	8	8
Wyoming	19	1	657	480	84	5	2	571	124	85	430	1,192
Total												
Indian	166	24	7,876	4,223	2,412	54	77	6,766	1,565	1,108	5,779	14,953

W E L L S T A T U S
ALL LANDS
1920 - 1979

Year	Producible Zone Completions										All		
	New Wells	Wells					Total	Serv.	Other				
	Drilling	Com-	Active		Shut-In		Act. &	Inp.-	Wells	Wells	Total		
	Act.: Susp'd:	pleted	Oil	Gas	Oil	Gas	Shut-in	Disp.	not P&A:	P & A	Wells		
1920-1921	80	140	332	285	10	30	7	332	-	-	220	772	
1922	272	400	632	527	20	70	15	632	-	-	240	1,544	
1923	300	374	910	747	35	103	25	910	-	-	260	1,844	
1924	300	356	1,508	1,255	50	163	40	1,508	-	-	280	2,444	
1925	20	50	2,221	1,836	57	283	45	2,221	-	-	302	2,593	
1926	36	76	2,694	2,423	64	155	52	2,694	-	-	685	3,491	
1927	142	402	3,079	2,716	70	237	56	3,079	-	-	1,026	4,649	
1928	149	383	3,572	3,137	75	297	63	3,572	-	-	1,580	5,684	
1929	189	303	4,027	3,237	104	603	83	4,027	-	-	1,880	6,399	
1930	68	245	9,626	8,381	328	791	126	9,626	-	-	2,228	12,167	
1931	62	356	9,441	7,916	253	1,121	151	9,441	-	-	3,497	13,356	
1932	54	361	9,197	7,543	241	1,248	165	9,197	-	-	3,926	13,538	
1933	66	369	8,593	7,009	242	1,186	156	8,593	-	-	4,729	13,757	
1934	104	263	8,759	7,172	259	1,168	160	8,759	-	-	5,168	14,294	
1935	110	195	8,735	7,021	278	1,279	157	8,735	-	-	5,707	14,747	
1936	129	195	8,773	7,012	275	1,327	159	8,773	-	-	5,957	15,054	
1937	183	171	9,047	7,240	286	1,350	171	9,047	-	-	6,317	15,718	
1938	124	164	9,220	7,433	303	1,302	182	9,220	-	-	6,811	16,319	
1939	196	162	9,588	7,756	328	1,328	176	9,588	-	-	7,282	17,228	
1940	137	184	9,908	7,811	335	1,358	194	9,698	210	-	7,381	17,610	
1941	167	178	9,820	7,856	324	1,208	182	9,570	250	-	7,734	17,899	
1942	155	171	10,250	8,191	367	1,223	194	9,975	275	-	8,176	18,752	
1943	200	136	10,771	8,548	429	1,264	178	10,419	352	-	8,175	19,282	
1944	211	133	11,000	8,791	460	1,289	173	10,713	287	-	8,359	19,703	
1945	163	151	11,913	9,417	490	1,518	192	11,617	296	-	8,798	21,025	
1946	156	157	12,250	9,473	537	1,732	214	11,956	294	-	8,571	21,134	
1947	238	172	12,761	9,849	583	1,742	263	12,437	324	-	9,145	22,316	
1948	197	200	13,514	10,521	738	1,725	222	13,206	308	-	9,899	23,810	
1949	202	206	13,811	10,787	817	1,689	204	13,497	314	-	10,297	24,516	
1950	221	171	14,898	11,743	900	1,653	286	14,582	316	-	10,906	26,196	

W E L L S T A T U S
ALL LANDS
1920--1979

Year	Producible Zone Completions										All		
	New Wells	Wells					Total	Serv.			Other		
	Drilling	Com-	Active		Shut-In		Act.	Inp.-			Wells	Wells	Total
	Act.: Susp'd	pleted	Oil	Gas	Oil	Gas	Shut-In	Disp.	not P & A	P & A	Wells		Wells
1951	294	233	15,253	11,781	1,100	1,739	298	14,921	332	-	11,579		27,359
1952	383	256	15,899	12,370	1,290	1,589	312	15,561	338	-	11,945		28,483
1953	324	245	17,199	12,700	2,011	1,795	299	16,805	394	-	12,062		29,830
1954	265	249	18,635	13,642	2,340	1,836	392	18,210	425	-	12,570		31,719
1955	360	270	19,374	14,155	2,944	1,356	461	18,916	458	-	13,117		33,121
1956	420	330	20,877	15,122	3,189	1,299	777	20,387	490	-	13,962		35,589
1957	598	394	22,941	16,057	3,762	1,624	985	22,428	513	-	14,954		38,887
1958	354	381	24,979	16,937	4,429	1,653	1,028	24,047	932	-	15,837		41,551
1959	463	401	27,464	18,446	5,294	1,837	836	26,413	1,051	-	17,105		45,433
1960	451	479	29,337	19,503	5,770	1,911	1,034	28,218	1,119	-	18,058		48,325
1961	481	562	31,616	20,437	6,342	2,104	1,203	30,086	1,530	-	19,306		51,565
1962	475	583	33,647	21,237	6,860	2,348	1,259	31,704	1,943	-	20,428		55,133
1963	493	612	35,296	21,611	7,352	2,653	1,278	32,894	2,402	-	21,862		58,263
1964	385	555	36,086	22,006	7,051	2,931	1,301	33,289	2,797	1,466	21,659		60,151
1965	426	655	37,517	22,624	7,452	3,138	1,297	34,511	3,006	1,408	23,227		63,233
1966	351	295	36,650	23,523	8,710	3,374	1,346	36,953	3,557	1,650	24,344		63,290
1967	391	334	38,125	24,191	9,220	3,440	1,337	38,188	4,055	1,553	25,911		66,314
1968	490	151	39,623	24,936	9,593	3,583	1,448	39,560	4,592	1,839	27,469		69,572
1969	461	267	40,702	25,687	10,228	3,473	1,352	40,740	4,807	2,379	28,440		72,249
1970	350	263	41,946	26,418	10,704	3,540	1,428	42,090	5,108	2,557	29,669		74,785
1971	398	292	42,654	26,336	11,152	3,687	1,481	42,656	5,378	2,657	31,305		77,306
1972	487	398	43,473	24,305	11,379	5,717	1,772	43,173	5,752	3,178	32,337		79,873
1973	570	419	44,620	24,348	12,304	5,679	1,766	44,097	6,101	3,151	33,705		82,465
1974	771	472	44,590	24,428	12,599	2,781	1,291	41,099	6,389	4,676	35,003		85,512
1975	720	457	44,322	24,144	13,163	2,243	1,874	41,424	6,477	6,393	36,019		87,911
1976	693	539	44,296	24,137	13,649	1,702	1,455	40,943	6,491	8,191	36,625		90,344
1977	988	650	46,964	24,679	14,380	1,679	1,681	42,419	6,720	7,355	38,021		93,978
1978	1,019	643	48,473	24,999	15,499	1,307	1,752	43,557	6,765	7,358	39,858		97,351
1979	1,238	573	50,185	24,928	16,942	1,295	2,078	45,243	6,835	8,440	41,152		101,588

NOTE: 1930 includes prior years wells completed on Indian Land. Well Status is on a Calendar year basis for the most part. 1921-1950 includes some estimated data. Wells completed equal hole completions beginning with Calendar year 1966. The producible oil and gas and service completions represent the various horizontal zone completions in each well completed. E.G., at December 31, 1979, there were 55,350 (48,515 oil and gas, 6,835 service) zone completions in 50,185 wells completed.

W E L L S T A T U S
PUBLIC LAND

1920 - 1979

Year	Producing Zone Completions								All			Total Wells
	New Wells	Wells					Total	Serv.	Other			
	Drilling	Com-	Active		Shut-In		Act.	Inp.-	Wells			
	Act.: Susp'd:	pleted	Oil	Gas	Oil	Gas	Shut-In:	Disp.	not P&A	P & A		
1920-1921	80	140	332	285	10	30	7	332	-	-	220	772
1922	272	400	632	527	20	70	15	632	-	-	240	1,544
1923	300	374	910	747	35	103	25	910	-	-	260	1,844
1924	300	356	1,508	1,255	50	163	40	1,508	-	-	280	2,444
1925	20	50	2,221	1,836	57	283	45	2,221	-	-	302	2,593
1926	20	52	2,303	2,050	62	141	50	2,303	-	-	600	2,975
1927	142	377	2,659	2,343	68	197	51	2,659	-	-	941	4,119
1928	146	369	3,131	2,786	73	219	53	3,131	-	-	1,472	5,118
1929	186	295	3,559	2,917	102	473	67	3,559	-	-	1,769	5,809
1930	45	232	3,611	2,847	91	568	105	3,611	-	-	1,836	5,724
1931	44	352	3,684	2,859	121	598	106	3,684	-	-	2,656	6,736
1932	38	356	3,667	2,702	109	736	120	3,667	-	-	2,678	6,739
1933	42	365	3,605	2,716	111	669	109	3,605	-	-	2,766	6,778
1934	76	259	3,666	2,789	126	645	106	3,666	-	-	3,059	7,060
1935	62	191	3,771	2,778	143	751	99	3,771	-	-	3,301	7,325
1936	73	191	3,849	2,833	141	773	102	3,849	-	-	3,343	7,456
1937	115	168	4,112	3,034	152	814	112	4,112	-	-	3,539	7,934
1938	84	161	4,334	3,251	171	790	122	4,334	-	-	3,760	8,339
1939	151	159	4,627	3,482	189	833	123	4,627	-	-	4,134	9,071
1940	110	168	4,910	3,764	199	820	127	4,910	-	-	4,051	9,239
1941	128	162	4,891	3,760	188	811	132	4,891	-	-	4,223	9,404
1942	129	160	5,327	4,139	238	810	140	5,327	-	-	4,538	10,154
1943	153	126	5,738	4,523	301	797	117	5,738	-	-	4,836	10,853
1944	140	120	6,067	4,764	320	863	120	6,067	-	-	5,028	11,355
1945	102	129	6,541	5,061	346	999	135	6,541	-	-	5,264	12,036
1946	113	139	6,819	5,391	381	897	150	6,819	-	-	5,310	12,381
1947	166	146	7,220	5,669	430	923	198	7,220	-	-	5,586	13,118
1948	136	170	7,934	6,302	565	907	160	7,934	-	-	5,922	14,162
1949	148	181	8,205	6,515	651	897	142	8,205	-	-	6,199	14,733
1950	148	156	8,817	7,019	728	868	202	8,817	-	-	6,510	15,631

W E L L S T A T U S
PUBLIC LAND
1920 - 1979

Year	Producible Zone Completions										All	
	New Wells		Wells		Total		Serv.		Other			
	Drilling		Com-		Active		Shut-In		Act. &		Wells	
	Act.	Susp'd	pleted	Oil	Gas	Oil	Gas	Shut-In	Disp.	not P&A	P & A	Wells
1951	227	204	9,480	7,358	936	945	241	9,480	-	-	7,054	16,965
1952	333	225	9,916	7,855	1,109	695	257	9,916	-	-	7,719	18,193
1953	258	213	10,980	8,243	1,802	720	215	10,980	-	-	8,099	19,550
1954	189	226	11,847	8,710	2,070	815	252	11,847	-	-	8,706	20,968
1955	225	247	13,021	9,317	2,407	1,000	297	13,021	-	-	9,214	22,707
1956	243	303	14,151	9,915	2,735	1,016	485	14,151	-	-	9,743	24,440
1957	343	318	15,295	10,333	3,116	1,246	600	15,295	-	-	10,453	26,409
1958	208	312	16,481	10,647	3,583	1,279	629	16,138	343	-	11,095	28,096
1959	296	294	17,712	11,287	4,171	1,373	488	17,319	393	-	12,126	30,428
1960	311	337	18,910	11,979	4,567	1,333	556	18,435	475	-	12,866	32,424
1961	338	372	20,299	12,494	4,965	1,392	666	19,517	782	-	13,779	34,788
1962	329	358	21,363	12,928	5,277	1,479	631	20,365	998	-	14,577	36,627
1963	330	379	22,161	13,124	5,539	1,620	670	20,953	1,208	-	15,464	38,334
1964	219	319	22,426	13,229	5,273	1,761	693	20,956	1,470	1,210	15,030	39,204
1965	260	340	23,279	13,609	5,496	1,799	708	21,612	1,667	1,255	15,948	41,082
1966	196	252	24,025	14,201	6,333	1,872	660	23,066	2,118	1,054	16,673	42,200
1967	225	306	24,997	14,519	6,555	1,882	652	23,608	2,487	915	17,531	43,974
1968	289	127	25,935	14,968	6,711	1,849	684	24,212	2,891	1,086	18,625	46,062
1969	284	118	26,420	15,217	7,018	1,747	607	24,589	3,032	1,615	19,036	47,473
1970	194	120	27,072	15,432	7,169	1,825	611	25,037	3,243	1,831	19,702	48,919
1971	222	111	27,491	15,507	7,303	1,804	674	25,288	3,405	1,929	20,517	50,270
1972	320	107	28,122	15,569	7,558	1,786	711	25,624	3,713	2,376	20,972	51,897
1973	405	133	28,888	15,597	8,111	1,745	765	26,218	3,947	2,357	21,786	53,569
1974	580	153	29,031	15,765	8,547	1,231	693	26,236	4,142	3,362	22,386	55,512
1975	489	130	29,140	15,807	8,929	768	689	26,193	4,332	4,705	22,910	57,374
1976	474	131	29,505	16,040	9,182	357	705	26,284	4,417	5,784	23,248	59,142
1977	663	138	30,468	16,567	9,766	124	730	27,187	4,516	6,021	23,995	61,285
1978	757	141	31,419	16,845	10,361	168	870	28,244	4,641	5,940	25,035	63,292
1979	837	142	32,845	17,296	10,996	171	1,214	29,677	4,711	5,887	25,757	65,468

W E L L S T A T U S
OUTER CONTINENTAL SHELF
1950 - 1979

Year	Producible Zone Completions										All	Total:
	New Wells	Wells	Active		Shut-In		Total		Serv.	Other		
	Drilling	Com-					Act. & Inp.-			Wells	Wells	
	Act. Susp'd	pleted	Oil	Gas	Oil	Gas	Shut-In	Disp.	not P&A	P & A	Wells	
1950 ^{a/}	24	-	410	371	-	13	26	410	-	-	79	513
1951	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-
1954	27	-	130	50	20	15	45	130	-	-	104	261
1955	41	-	239	117	29	31	62	239	-	-	175	455
1956	76	-	357	195	32	41	89	357	-	-	261	694
1957	61	17	588	330	31	83	144	588	-	-	402	1,068
1958	35	21	795	487	74	80	154	795	-	-	485	1,336
1959	40	31	1,461	864	173	245	179	1,461	-	-	569	2,101
1960	58	53	1,923	1,138	210	326	249	1,923	-	-	686	2,720
1961	54	99	2,467	1,463	240	429	335	2,467	-	-	814	3,434
1962	56	107	3,091	1,863	333	513	382	3,091	-	-	1,002	4,256
1963	62	130	3,631	2,237	397	584	413	3,631	-	-	1,226	5,049
1964	73	193	4,313	2,708	417	622	486	4,233	80	102	1,372	6,053
1965	89	261	4,733	3,068	516	687	462	4,733	-	-	1,685	6,768
1966	82	-	3,305	3,588	660	747	504	5,499	35	444	1,871	5,702
1967	95	-	3,762	4,080	870	759	507	6,216	60	496	2,233	6,586
1968	133	-	4,258	4,483	1,040	908	578	7,009	91	592	2,592	7,575
1969	103	129	4,752	4,985	1,280	880	578	7,723	117	590	2,919	8,493
1970	106	115	5,359	5,565	1,574	882	645	8,666	164	534	3,278	9,392
1971	89	152	5,718	5,704	1,872	953	602	9,131	217	551	3,724	10,234
1972	79	263	6,032	3,744	1,808	2,996	872	9,420	296	537	4,168	11,079
1973	84	249	6,421	3,814	2,108	3,054	879	9,855	332	546	4,599	11,899
1974	91	292	6,218	3,686	1,942	732	461	6,821	416	1,006	5,108	12,715
1975	97	292	6,104	3,506	2,071	1,013	694	7,284	325	977	5,617	13,087
1976 *	95	362	6,461	3,555	2,256	1,179	637	7,627	333	1,117	6,088	14,123
1977 *	169	482	7,914	3,409	2,263	1,468	835	7,975	404	-	6,619	15,184
1978 *	117	472	8,433	3,397	2,615	1,071	742	7,825	382	-	7,141	16,163
1979 *	179	402	8,434	2,781	3,266	1,045	704	7,796	349	1,080	7,587	17,682

^{a/} Tide and submerged, California

NOTE: *SEE FOOTNOTE AND OTHER ZONE COMPLETIONS ON OCS WELL STATUS BY STATE

W E L L S T A T U S
ACQUIRED LAND
1948 - 1979

Year	Producing Zone Completions											All Other Wells not P&A	Total Wells P & A	Total Wells
	New Wells Drilling	Wells Com- pleted	Active				Shut-In		Total Act. & Inp.- Shut-In: Disp.	Serv. Wells				
			Oil	Gas	Oil	Gas								
1948	2	-	93	83	9	-	1	93	-	-	20	115		
1949	4	-	109	98	9	-	1	108	1	-	27	140		
1950	5	-	133	120	9	-	1	130	3	-	32	170		
1951	9	-	116	107	-	-	6	113	3	-	41	166		
1952	2	2	192	171	10	3	5	189	3	-	126	322		
1953	2	16	201	154	12	18	10	194	7	-	132	351		
1954	2	4	205	164	13	8	12	197	8	-	189	400		
1955	9	5	368	154	172	8	28	362	6	-	210	592		
1956	11	3	243	195	19	14	7	235	8	-	330	587		
1957	13	4	281	227	17	14	15	273	8	-	369	667		
1958	13	2	305	239	36	14	7	296	9	-	420	740		
1959	9	3	328	237	47	17	10	311	17	-	502	842		
1960	6	5	360	253	29	22	35	339	21	-	569	940		
1961	11	6	402	279	28	27	41	375	27	-	629	1,048		
1962	12	6	442	310	28	29	47	414	28	-	688	1,148		
1963	10	7	536	370	41	39	52	502	34	-	797	1,350		
1964	20	7	611	426	42	47	30	545	66	15	885	1,538		
1965	20	7	681	476	53	69	26	624	57	29	1,020	1,757		
1966	16	10	821	573	73	64	79	789	74	27	1,112	1,986		
1967	16	8	841	588	75	70	78	811	80	34	1,220	2,119		
1968	5	8	872	602	75	69	84	830	93	40	1,332	2,257		
1969	16	7	877	597	78	73	80	828	101	51	1,454	2,405		
1970	8	9	873	588	81	71	77	817	107	63	1,534	2,487		
1971	5	4	861	576	81	72	81	810	102	68	1,619	2,557		
1972	9	1	840	554	82	69	79	784	104	115	1,654	2,619		
1973	8	1	804	516	83	68	27	694	159	137	1,711	2,661		
1974	8	2	784	487	90	65	34	676	157	182	1,750	2,726		
1975	7	5	793	456	94	83	33	666	164	217	1,766	2,788		
1976	8	1	747	457	92	34	42	625	168	285	1,814	2,855		
1977	21	4	749	469	101	12	48	630	167	308	1,851	2,933		
1978	28	5	775	476	100	13	63	652	171	312	1,911	3,031		
1979	52	5	826	514	113	15	74	716	169	335	1,948	3,166		

W E L L S T A T U S
M I L I T A R Y L A N D
1952 - - 1979

Year	Producible Zone Completions								All		Total Wells
	New Wells	Wells			Total		Serv.	Other			
	Drilling	Com-	Active		Shut-In		Act. & Inp.-	Wells	Wells		
	Act.: Susp'd	pleted	Oil	Gas	Oil	Gas	Shut-In: Disp.	not P&A	P & A		
1952	-	-	28	12	16	-	-	28	-	-	28
1953	3	-	36	12	21	-	3	36	-	-	39
1954	-	-	43	14	29	-	-	43	-	1	44
1955	-	-	48	15	31	-	1	47	1	1	49
1956	1	-	61	20	40	-	-	60	1	15	77
1957	1	-	87	45	35	-	6	86	1	18	106
1958	1	-	88	44	37	1	5	87	1	18	107
1959	7	-	139	65	58	2	13	138	1	18	164
1960	-	-	186	94	62	2	15	173	13	19	205
1961	4	-	295	132	82	3	48	265	30	13	312
1962	-	1	358	180	137	6	4	327	31	16	375
1963	5	1	374	185	145	6	4	340	34	16	396
1964	-	1	386	196	147	6	3	352	34	14	402
1965	-	1	384	195	147	4	4	350	34	31	416
1966	-	1	261	196	147	4	3	350	36	21	283
1967	-	-	265	198	148	4	3	353	37	23	288
1968	-	-	265	197	145	4	7	353	37	25	292
1969	-	-	264	193	148	4	3	348	41	27	292
1970	4	-	262	188	151	4	-	343	44	27	297
1971	-	-	260	156	155	7	25	343	45	30	295
1972	5	-	238	152	160	7	4	323	41	52	306
1973	2	-	237	147	158	7	10	322	41	59	309
1974	1	-	231	145	151	6	11	313	41	67	310
1975	5	-	227	139	160	6	12	308	41	72	315
1976	2	-	204	120	152	9	5	286	39	75	311
1977	-	1	202	117	154	5	9	285	41	78	315
1978	2	-	204	112	155	12	9	288	41	81	317
1979	4	-	204	114	155	10	9	288	41	81	319

W E L L S T A T U S
NAVAL PETROLEUM RESERVE
1920 - 1979

Year	New Wells			Producible Zone Completions								All		
	Drilling			Active				Shut-In				Other		
	Act.: Susp'd:			Oil : Gas				Oil : Gas				Wells		
	Completed			Shut-In				Shut-In				Wells		
1920-1926	16	24	391	373	2	14	2	391	-	-	85	516		
1927	-	25	420	373	2	40	5	420	-	-	85	530		
1928	3	14	441	351	2	78	10	441	-	-	108	566		
1929	3	8	468	320	2	130	16	468	-	-	111	590		
1930	-	3	461	283	2	160	16	461	-	-	153	617		
1931	-	4	456	216	2	223	15	456	-	-	160	620		
1932	-	5	455	226	2	212	15	455	-	-	165	625		
1933	1	4	456	221	1	217	17	456	-	-	170	631		
1934	1	4	532	282	3	223	24	532	-	-	175	712		
1935	1	4	534	273	5	228	28	534	-	-	187	726		
1936	1	4	533	248	4	254	27	533	-	-	190	728		
1937	2	3	538	269	4	236	29	538	-	-	197	740		
1938	-	3	519	275	2	212	30	519	-	-	240	762		
1939	-	3	514	287	9	195	23	514	-	-	248	765		
1940	-	3	546	283	3	227	33	546	-	-	248	797		
1941	-	3	472	282	3	169	18	472	-	-	248	723		
1942	-	3	472	298	4	153	17	472	-	-	248	723		
1943	6	3	649	447	3	177	22	649	-	-	266	924		
1944	3	3	667	460	3	182	22	667	-	-	268	941		
1945	12	4	1,096	762	2	309	23	1,096	-	-	312	1,424		
1946	5	2	1,079	445	9	606	19	1,079	-	-	342	1,428		
1947	5	-	1,074	410	4	637	23	1,074	-	-	357	1,436		
1948	4	9	1,064	367	8	673	16	1,064	-	-	378	1,455		
1949	7	5	1,093	420	6	642	25	1,093	-	-	392	1,497		
1950	6	5	1,110	431	9	651	19	1,110	-	-	432	1,553		
1951	8	5	1,196	430	12	738	16	1,196	-	-	427	1,636		
1952	8	5	1,281	457	10	802	12	1,281	-	-	440	1,734		
1953	8	5	1,281	457	10	802	12	1,281	-	-	440	1,734		
1954	1	5	1,421	627	6	768	20	1,421	-	-	439	1,866		
1955	-	-	404	285	5	103	11	404	-	-	257	661		

W E L L S T A T U S
NAVAL PETROLEUM RESERVE
1920 - 1979

Year	Producible Zone Completions										All		
	New Wells		Wells					Total	Serv.	Other			
	Drilling	Com-	Active	Shut-In		Act. &	Inp.-	Wells	Wells	Total			
	Act.:Susp'd	pleted	Oil	Gas	Oil	Gas	Shut-In	Disp.	not P&A	P & A	Wells		
1956	-	-	414	301	4	97	12	414	-	-	257	671	
1957	-	-	496	295	4	171	26	496	-	-	309	805	
1958	5	-	511	310	3	170	28	511	-	-	310	826	
1959	-	1	459	325	1	126	7	459	-	-	256	716	
1960	-	1	474	340	1	126	7	474	-	-	256	731	
1961	2	1	481	346	2	126	7	481	-	-	256	740	
1962	-	-	487	355	5	126	1	487	-	-	258	745	
1963	3	1	481	320	3	153	5	481	-	-	260	745	
1964	1	1	495	298	3	182	4	487	8	2	259	758	
1965	1	1	505	299	3	190	4	456	9	2	259	768	
1966	-	1	520	299	3	206	4	512	12	2	261	784	
1967	-	1	535	290	14	209	6	519	34	5	262	803	
1968	2	-	537	274	10	227	7	518	34	7	262	808	
1969	2	-	545	274	14	238	5	531	27	7	263	817	
1970	-	-	563	276	18	240	4	538	41	3	265	831	
1971	-	-	565	278	18	240	4	540	41	2	267	834	
1972	-	-	566	279	18	240	4	541	41	2	267	835	
1973	-	-	566	279	18	235	4	536	46	2	267	835	
1974	-	-	564	279	18	233	4	534	46	2	269	835	
1975	-	-	334	266	18	2	2	288	46	234	271	839	
1976	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE: On October 1, 1976, the supervision of the NPR No. 2 wells were transferred to the Department of the Navy.

NOTE: Earlier years include NPR Nos. 1, 2, 3, and 4; 1955 and subsequent years are for NPR No. 2 only.

W E L L S T A T U S
INDIAN LAND
1930 - 1979

Year	Producing Zone Completions											All Other Wells not P & A	Total Wells P & A		
	New Wells		Wells Completed	Active				Shut-In		Total					
	Drilling			Oil				Gas		Act. & Inp.					
	Act.	Susp'd		Oil				Gas		Shut-In	Disp.				
1930	23	10	5,554	5,251	235	63	5	5,554	-	-	239	5,826			
1931	18	-	5,301	4,841	130	300	30	5,301	-	-	681	6,000			
1932	16	-	5,075	4,615	130	300	30	5,075	-	-	1,083	6,174			
1933	23	-	4,532	4,072	130	300	30	4,532	-	-	1,793	6,348			
1934	27	-	4,561	4,101	130	300	30	4,561	-	-	1,934	6,522			
1935	47	-	4,430	3,970	130	300	30	4,430	-	-	2,219	6,696			
1936	55	-	4,391	3,931	130	300	30	4,391	-	-	2,424	6,870			
1937	66	-	4,397	3,937	130	300	30	4,397	-	-	2,581	7,044			
1938	40	-	4,367	3,907	130	300	30	4,367	-	-	2,811	7,218			
1939	45	-	4,447	3,987	130	300	30	4,447	-	-	2,900	7,392			
1940	27	13	4,452	3,764	133	311	34	4,242	210	-	3,082	7,574			
1941	39	13	4,457	3,814	133	228	32	4,207	250	-	3,263	7,772			
1942	26	8	4,451	3,754	125	260	37	4,176	275	-	3,330	7,875			
1943	41	7	4,384	3,578	125	290	39	4,032	352	-	3,073	7,505			
1944	68	10	4,266	3,567	137	244	31	3,979	287	-	3,063	7,407			
1945	49	18	4,276	3,594	142	210	34	3,980	296	-	3,222	7,565			
1946	38	16	4,352	3,637	147	229	45	4,058	294	-	2,919	7,325			
1947	67	26	4,467	3,770	149	182	42	4,143	324	-	3,202	7,762			
1948	55	21	4,423	3,769	156	145	45	4,115	308	-	3,579	8,078			
1949	43	20	4,404	3,754	151	150	36	4,091	313	-	3,679	8,146			
1950	38	10	4,428	3,802	154	121	38	4,115	313	-	3,853	8,329			
1951	50	24	4,461	3,889	152	56	35	4,132	329	-	4,057	8,592			
1952	40	24	4,482	3,875	145	89	38	4,147	335	-	3,660	8,206			
1953	53	11	4,701	3,834	166	255	59	4,314	387	-	3,391	8,156			
1954	46	14	4,989	4,077	202	230	63	4,572	417	-	3,131	8,180			
1955	85	18	5,294	4,267	300	214	62	4,843	451	-	3,260	8,657			
1956	89	24	5,651	4,496	359	131	184	5,170	481	-	3,356	9,120			

WELL STATUS

INDIAN LANDS

1930 - 1979

1957	180	55	6,194	4,827	559	110	194	5,690	504	-	3,403	9,832
1958	92	46	6,799	5,210	696	109	205	6,220	579	-	3,509	10,446
1959	111	72	7,365	5,668	844	74	139	6,725	640	-	3,634	11,182
1960	76	83	7,484	5,699	901	102	172	6,874	610	-	3,662	11,305
1961	72	84	7,672	5,723	1,025	127	106	6,981	691	-	3,815	11,643
1962	78	111	7,906	5,601	1,080	195	144	7,020	886	-	3,887	11,982
1963	83	94	8,113	5,375	1,227	251	134	6,987	1,126	-	4,099	12,389
1964	72	34	7,855	5,149	1,169	313	85	6,716	1,139	136	4,099	12,196
1965	56	45	7,935	4,977	1,237	389	93	6,696	1,239	122	4,284	12,442
1966	57	31	7,718	4,666	1,494	481	96	6,737	1,282	123	4,406	12,335
1967	55	19	7,725	4,516	1,558	516	91	6,681	1,357	103	4,642	12,544
1968	61	16	7,756	4,412	1,612	526	88	6,638	1,446	112	4,633	12,578
1969	56	13	7,844	4,421	1,690	531	79	6,721	1,489	115	4,741	12,769
1970	38	19	7,817	4,369	1,711	518	91	6,689	1,509	122	4,863	12,859
1971	82	25	7,759	4,115	1,723	611	95	6,544	1,568	102	5,148	13,116
1972	74	27	7,675	4,007	1,753	619	102	6,481	1,557	137	5,224	13,137
1973	71	36	7,704	3,995	1,826	570	81	6,472	1,576	98	5,283	13,192
1974	91	25	7,762	4,066	1,851	514	88	6,519	1,587	113	5,423	13,414
1975	122	30	7,724	3,970	1,891	371	453	6,685	1,569	249	5,383	13,508
1976	114	45	7,379	3,965	1,967	123	66	6,121	1,534	975	5,400	13,913
1977	135	25	7,631	4,117	2,096	70	59	6,342	1,592	992	5,478	14,261
1978	115	25	7,642	4,169	2,268	43	68	6,548	1,530	1,076	5,690	14,548
1979	166	24	7,876	4,223	2,412	54	77	6,766	1,565	1,108	5,779	14,953

NOTE: 1930, Wells Completed, includes prior years.

1930, Wells Completed, includes prior years.
The decrease in total wells from one year to any subsequent year is due to the removal of Indian Land wells from U. S. Geological Survey supervision.

GEOTHERMAL
WELL STATUS

: YEAR :(Dec. 31) : STATE	New Wells		Wells Com- pleted	Producible Zone Completions				Total Act. & Shut-in	Obser- vation	All Other Wells not P&A	Wells P&A	Total: Wells:
	DRILLING			ACTIVE		SHUT-IN						
	Act.	Susp'd		Water	Steam	Water	Steam					
1974												
California	1	-	-	-	-	-	-	-	-	-	-	1
1975												
California	3	2	7	-	-	1	6	7	-	-	-	12
Utah	-	3	4	-	-	2	-	2	2	-	1	8
TOTAL	3	5	11	-	-	3	6	9	2	-	1	20
1976												
California	-	1	14	-	-	5	9	14	-	1	-	16
Utah	-	1	7	-	-	5	-	5	2	1	-	9
TOTAL	-	2	21	-	-	10	9	19	2	2	-	25
1977												
California	2	2	24	-	-	8	14	22	2	-	2	30
Nevada	2	-	-	-	-	-	-	-	-	-	-	2
Utah	1	2	10	-	-	6	-	6	4	-	1	14
TOTAL	5	4	34	-	-	14	14	28	6	-	3	46
1978												
California	2	1	29	-	-	11	13	24	5	5	-	37
Nevada	1	-	3	-	-	-	-	-	3	-	-	4
Oregon	-	-	2	-	-	-	-	-	2	-	-	2
Utah	-	5	11	-	-	5	-	5	6	-	1	17
TOTAL	3	6	45	-	-	16	13	29	16	5	1	60
1979												
California	2	-	38	-	2	12	17	31	7	6	-	46
Nevada	-	3	6	-	-	-	-	-	6	1	-	10
Oregon	-	-	2	-	-	-	-	-	2	-	-	2
Utah	-	5	11	-	-	5	-	5	6	1	1	18
TOTAL	2	8	57	-	2	17	17	36	21	8	1	76

UNIT PLANS
NUMBER AND ACREAGE
Calendar Years

APPROVED UNIT PLANS			NUMBER OF UNIT PLANS OUTSTANDING				
YEAR	Accumulated Total		Land Category				Total Acreage
	Number	Acreage	Federal	Indian	OCS	Total	All Lands
1931	2	21,481	2	-	-	2	21,481
1932	5	26,715	5	-	-	5	26,715
1933	6	41,668	6	-	-	6	41,668
1934	8	50,704	8	-	-	8	50,704
1935	13	141,984	12	1	-	13	141,984
1936	31	507,312	29	2	-	31	507,312
1937	81	1,138,849	79	2	-	81	1,138,849
1938	106	1,482,406	104	2	-	106	1,482,406
1939	120	1,814,455	117	2	-	119	1,808,574
1940	122	1,829,401	116	2	-	118	1,715,797
1941	125	1,860,857	116	2	-	118	1,724,187
1942	131	2,086,847	115	2	-	117	1,816,970
1943	148	2,247,151	114	2	-	116	1,668,190
1944	172	2,456,278	121	2	-	123	1,438,366
1945	192	2,628,458	123	2	-	130	1,498,127
1946	215	2,974,383	136	2	-	138	1,722,270
1947	244	3,505,432	146	2	-	148	2,088,293
1948	294	4,327,206	182	1	-	183	2,717,254
1949	340	5,068,975	195	4	-	199	2,896,715
1950	373	5,651,102	181	3	-	184	2,655,887
1951	427	6,588,462	209	8	-	217	3,268,252
1952	493	7,987,405	253	11	-	264	4,312,710
1953	575	9,650,111	286	11	-	297	5,148,073
1954	661	11,114,488	314	11	1	326	5,636,880
1955	708	11,953,999	292	11	1	304	5,269,662
1956	785	13,065,815	295	30	11	336	5,426,710
1957	863	14,440,151	325	38	12	375	6,060,617
1958	946	16,282,231	351	47	13	411	6,954,648
1959	1,062	18,575,542	410	58	16	484	8,174,342
1960	1,170	21,150,188	440	68	15	523	8,946,114
1961	1,272	23,143,963	452	84	15	551	8,780,038

UNIT PLANS
NUMBER AND ACREAGE
Calendar Years

YEAR	APPROVED UNIT PLANS		NUMBER OF UNIT PLANS OUTSTANDING				
	Accumulated Total		Land Category				Total Acreage
	Number	Acreage	Federal	Indian	OCS	Total	All Lands
1962	1,368	24,647,473	479	88	15	582	8,599,438
1963	1,460	26,043,502	488	102	16	606	8,254,280
1964	1,545	27,500,616	484	113	21	618	7,406,404
1965	1,635	28,765,373	491	123	28	642	7,191,901
1966	1,730	30,625,485	516	131	43	690	7,722,432
1967	1,806	31,988,570	535	135	47	717	6,927,391
1968	1,894	33,094,226	568	143	49	760	6,862,986
1969	1,999	34,558,385	595	151	78	824	7,645,702
1970	2,070	35,677,649	597	151	93	841	7,395,224
1971	2,142	36,712,687	615	157	98	870	7,226,413
1972	2,230	38,360,598	645	158	100	903	7,611,277
1973	2,357	40,107,784	710	156	112	978	8,588,036
1974	2,485	42,811,407	762	159	112	1,033	9,848,249
1975	2,587	44,558,174	767	156	108	1,031	9,427,809
1976	2,673	46,036,235	759	159	113	1,031	8,613,190
1977	2,812	48,196,934	808	162	125	1,095	9,633,532
1978	2,972	50,930,625	871	165	132	1,168	10,956,407
1979	3,108	52,914,890	935	167	127	1,229	11,609,773

UNITIZED PRODUCTION
PERCENTAGE OF TOTAL PRODUCTION
Calendar Years

YEAR	UNITIZED PRODUCTION -- PERCENTAGE OF TOTAL PRODUCTION					
	Federal (%)		Indian (%)		OCS (%)	
	Oil	Gas	Oil	Gas	Oil	Gas
1950	52	46	-	-	-	-
1951	51	38	-	-	-	-
1952	47	27	-	-	-	-
1953	48	25	-	-	-	-
1954	49	26	8	-	-	-
1955	52	29	8	-	-	-
1956	52	29	9	-	4	-
1957	54	34	9	-	11	-
1958	60	37	5	-	20	-
1959	60	39	3	-	23	-
1960	60	40	6	2	28	3
1961	60	42	17	5	34	7
1962	63	37	33	10	37	13
1963	58	44	56	18	37	15
1964	62	40	60	40	38	16
1965	65	45	59	15	37	16
1966	66	47	57	10	38	28
1967	68	50	52	8	40	32
1968	65	45	50	19	40	30
1969	61	34	53	10	40	27
1970	53	32	53	08	43	27
1971	64	50	53	09	37	27
1972	71	47	55	09	37	26
1973	72	50	55	09	34	24
1974	75	50	49	09	32	33
1975	71	47	46	03	17	20
1976	71	46	49	7	25	19
1977	69	47	54	9	23	17
1978	66	48	53	10	24	15
1979	67	51	51	10	22	13

PART 4

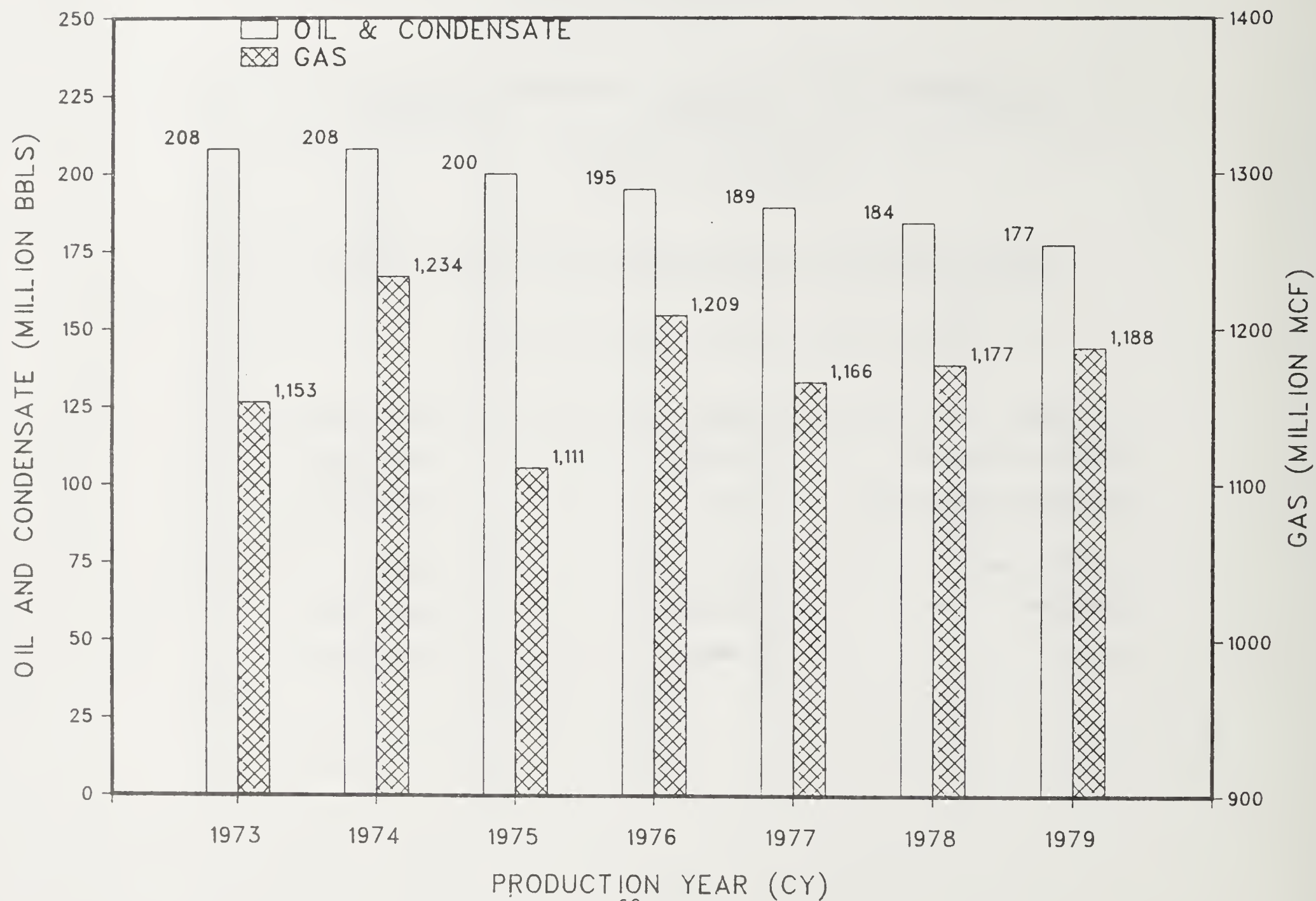
FEDERAL AND INDIAN LANDS PRODUCTION AND REVENUE

Producing operations, and revenue accounting procedures, are subject to the regulations contained in Title 30, Chapter II, of the Code of Federal Regulations.

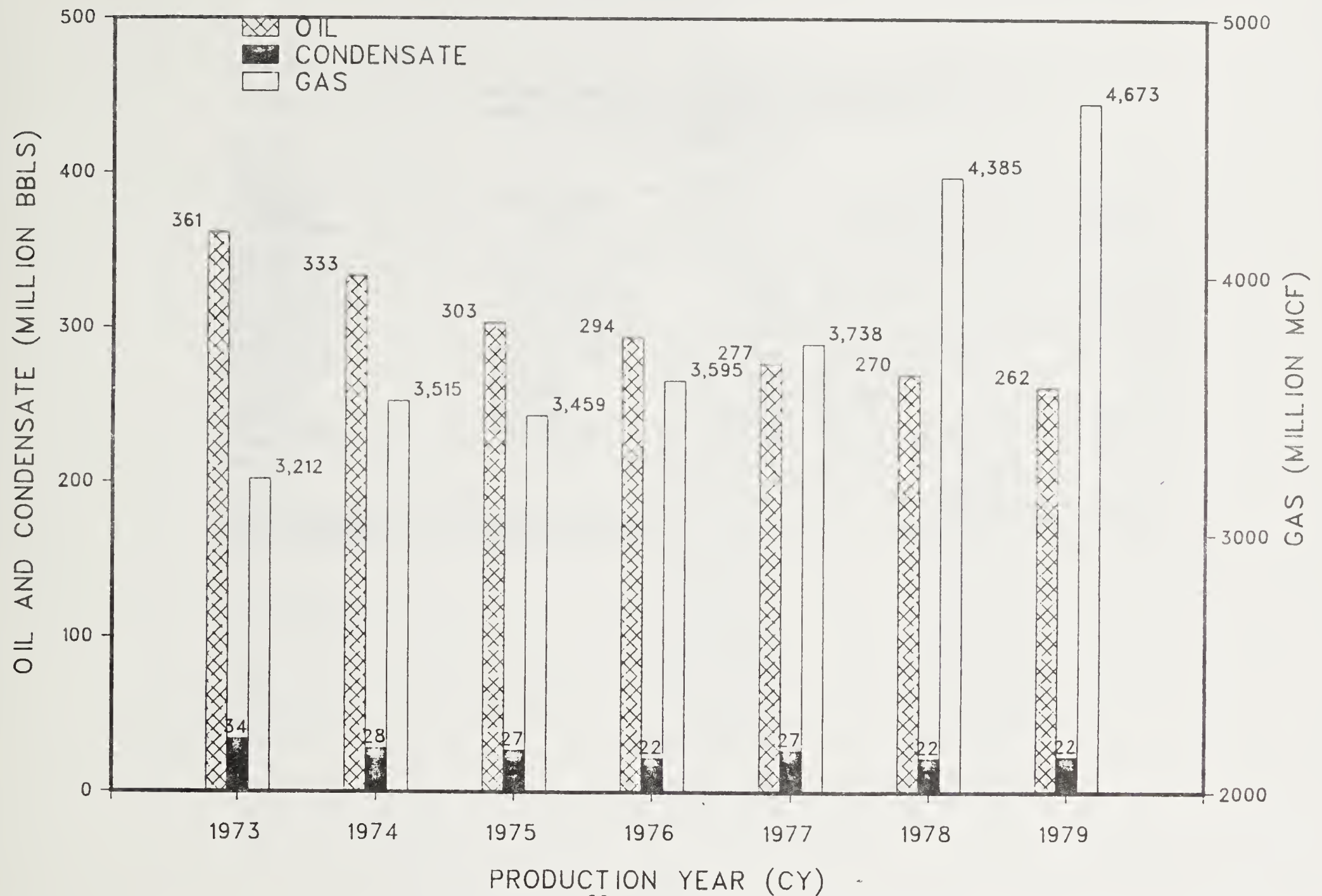
The U.S. units of measure and metric equivalents follow:

Units	Factor		Equivalencies
1 Barrel (42 gallons)	X 0.159005	=	Cubic Meters
1 MCF of Gas (1,000 cubic feet)	X 28.32	=	Cubic Meters
1 Gallon (liquid)	X 3.785	=	Liters
1 Short Ton	X 0.90718486	=	Metric Tons
1 Acre	X 0.40469	=	Hectare (ha)

FEDERAL ONSHORE AND INDIAN LANDS OIL, CONDENSATE, AND GAS PRODUCTION



OUTER CONTINENTAL SHELF OIL, CONDENSATE, AND GAS PRODUCTION



Cumulative Production, Value, and Royalty
Oil and Gas, all Federal and Indian Lands
1920 THROUGH 1979

PRODUCT	PRODUCTION		PRODUCTION VALUE	ROYALTY VALUE
Oil	12,098,751,940	Barrels	\$49,447,243,339	\$ 7,373,820,653
Condensate	371,410,582	Barrels	2,123,859,878	353,512,899
Gas	70,477,014,522	MCF	28,370,443,560	4,319,515,009
Gasoline & LPG	31,951,742,151	Gallons	2,629,523,506	176,040,154
Sulfur	16,883,635	Tons	408,171,944	45,871,981
Salt	4,751,619	Tons	773,882	129,546
CO2	9,089,668	MCF	1,586,846	157,118
Oil Lost	192,652	Barrels	1,506,390	207,466
Gas Lost	144,054,403	MCF	82,305,881	12,572,965
Total Value & Royalty - All Products 1920 - 1979.....			<u>\$83,065,415,226</u>	<u>\$12,281,827,791</u>

CUMULATIVE PRODUCTION, VALUE AND ROYALTY
OIL AND GAS OPERATIONS, ALL FEDERAL AND INDIAN LANDS

1920 through 1979

STATE	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	1,755,198	186,214
ALASKA	894,572,054	106,510,986
ARIZONA	62,978,530	10,229,999
ARKANSAS	23,971,176	3,420,998
CALIFORNIA	4,312,152,373	562,662,496
COLORADO	2,098,660,752	314,836,098
FLORIDA	141,785	17,725
ILLINOIS	11,503	1,917
INDIANA	15,529	1,859
KANSAS	114,827,901	14,829,684
KENTUCKY	10,215,230	1,504,574
LOUISIANA	48,138,315,683	7,785,813,055
MARYLAND	1,033,644	129,946
MICHIGAN	10,107,963	1,373,790
MISSISSIPPI	201,526,979	24,575,415
MONTANA	1,187,977,484	151,741,665
NEBRASKA	13,483,077	1,533,869
NEVADA	37,778,590	4,695,317
NEW MEXICO	8,867,983,963	1,069,299,812
NORTH DAKOTA	309,754,565	37,235,133
OHIO	3,661,533	507,335
OKLAHOMA	1,388,003,213	162,127,264
PENNSYLVANIA	956,794	95,876
SOUTH DAKOTA	6,431,966	832,937
TEXAS	1,730,598,906	284,572,747
UTAH	2,344,810,165	324,536,228
WASHINGTON	1,170	146
WEST VIRGINIA	9,122,716	1,523,515
WYOMING	11,294,564,784	1,417,031,191
1920-1979	83,065,415,226	12,281,827,791

OIL AND GAS OPERATIONS
PRODUCTS AND LANDS
CALENDAR YEAR 1979

PRODUCT & LAND CATEGORY	TOTAL PRODUCTION	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
OIL	(BARRELS)		
PUBLIC	140,418,034	1,809,742,494	231,406,792
OUTER CONTINENTAL SHELF	262,275,483	2,073,507,427	408,727,900
ACQUIRED	5,951,298	69,024,829	8,220,662
MILITARY-MISCELLANEOUS	287,370	4,400,845	711,397
INDIAN	23,873,120	208,472,077	43,488,472
TOTAL	438,815,305	5,045,207,072	752,555,309
CONDENSATE	(BARRELS)		
OUTER CONTINENTAL SHELF	23,290,355	254,025,014	40,592,290
GAS	(MCF)		
PUBLIC	1,732,705,573	1,314,492,099	162,048,004
OUTER CONTINENTAL SHELF	4,072,979,139	6,125,502,323	1,302,097,388
ACQUIRED	23,410,309	31,802,222	5,093,569
MILITARY-MISCELLANEOUS	13,309,522	6,254,045	1,372,514
INDIAN	118,351,005	170,870,902	25,575,794
TOTAL	5,860,841,248	7,050,987,591	1,195,387,809
GASOLINE AND LPG	(GALLONS)		
PUBLIC	356,396,839	61,772,701	3,174,262
OUTER CONTINENTAL SHELF	(4,919,512)	(616,833)	12,157
ACQUIRED	9,908,897	901,894	98,718
MILITARY-MISCELLANEOUS	8,741,775	1,797,031	290,976
INDIAN	18,411,435	3,821,593	205,094
TOTAL	386,299,434	67,737,016	3,781,227
SULFUR	(TONS)		
PUBLIC	702,084	540,530	10,879
ACQUIRED	51	66	4
INDIAN	204	64	7
TOTAL	702,339	546,660	10,890
CARBON DIOXIDE	(MCF)		
PUBLIC	206,300	151,570	14,616
OIL LOST	(BARRELS)		
PUBLIC	11,678	98,875	12,331
OUTER CONTINENTAL SHELF	4,770	67,272	10,870
ACQUIRED	736	15,679	1,960
INDIAN	7	60	11
TOTAL	17,191	181,912	25,172
GAS LOST	(MCF)		
PUBLIC	(2,060,427)	(15,628,990)	(695,972)
OUTER CONTINENTAL SHELF	20,890,282	20,732,500	3,307,259
ACQUIRED	94,258	135,368	3,424
INDIAN	(22,576)	(1,073)	14,625
TOTAL	18,907,535	15,237,811	2,629,336
TOTAL ALL PRODUCTS	72	13,040,075,852	1,995,002,729

Summary of Oil and Gas Operations
Federal and Indian Lands
Calendar Year 1979

: PRODUCT & : LAND CATEGORY	TOTAL PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
<u>Oil & Condensate</u>			
Onshore	(Barrels)	1,883,168,168	240,338,851
Outer Continental Shelf		3,127,593,041	509,320,276
Indian		288,472,077	43,488,472
TOTAL	462,105,360	5,299,233,286	793,147,599
<u>GAS</u>			
Onshore	(MCF)	1,354,608,366	169,114,707
Outer Continental Shelf		6,125,502,323	1,002,697,388
Indian		176,876,902	23,575,794
TOTAL	5,860,841,248	7,656,987,591	1,195,387,889
<u>GASOLINE & LPG</u>			
Onshore	(Gallons)	64,532,256	3,563,976
Outer Continental Shelf		(616,833)	12,157
Indian		3,821,593	205,094
TOTAL	388,299,434	67,737,016	3,781,227
<u>SULFUR</u>			
Onshore	(Tons)	546,602	16,883
Indian		64	7
TOTAL	702,339	546,666	16,890
<u>CARBON DIOXIDE</u>			
Onshore	(MCF)	151,570	14,616
<u>OIL LOST</u>			
Onshore	(Barrels)	114,554	14,291
Outer Continental Shelf		67,272	10,870
Indian		86	11
TOTAL	17,191	181,912	25,172
<u>GAS LOST</u>			
Onshore	(MCF)	(5,493,622)	(692,548)
Outer Continental Shelf		20,732,506	3,307,259
Indian		(1,073)	14,625
TOTAL	18,907,535	15,237,811	2,629,336
TOTAL ALL PRODUCTS		\$13,040,075,852	\$1,995,002,729

NOTE: Onshore includes Public, Acquired, Military Lands

PRODUCTION VALUE AND ROYALTY
OIL AND GAS OPERATIONS, ALL FEDERAL AND INDIAN LANDS

CALENDAR YEAR 1979

STATE	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	107,575	13,483
ALASKA	50,358,152	7,544,770
ARIZONA	3,980,583	633,082
ARKANSAS	5,774,793	823,078
CALIFORNIA	305,379,956	42,303,490
COLORADO	200,477,658	29,872,147
FLORIDA	27,901	3,488
ILLINOIS	2,538	423
KANSAS	15,108,175	1,621,457
KENTUCKY	612,374	75,372
LOUISIANA	8,285,241,203	1,349,217,414
MARYLAND	4,759	595
MICHIGAN	2,259,354	291,135
MISSISSIPPI	12,683,899	1,598,432
MONTANA	100,839,683	12,716,786
NEBRASKA	2,468,935	315,434
NEVADA	15,015,501	1,726,938
NEW MEXICO	1,398,688,512	173,856,512
NORTH DAKOTA	88,095,110	8,018,263
OHIO	91,647	11,415
OKLAHOMA	120,185,514	15,561,337
SOUTH DAKOTA	2,504,491	322,207
TEXAS	946,421,686	157,340,284
UTAH	200,203,978	28,956,471
WEST VIRGINIA	1,683	235
WYOMING	1,298,739,992	162,178,481
TOTAL 1979	13,040,075,852	1,995,002,729

OIL AND GAS OPERATIONS
ALL PRODUCTS - ALL LANDS

YEAR	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,876,541,412	347,011,212
1952	305,443,463	36,363,651
1953	369,425,127	44,583,311
1954	411,482,753	50,986,410
1955	453,807,338	57,039,137
1956	503,478,488	65,196,542
1957	611,169,539	79,523,595
1958	704,875,252	92,369,599
1959	836,745,550	112,157,805
1960	902,639,043	125,033,031
1961	1,002,975,167	142,214,664
1962	1,113,572,550	160,872,951
1963	1,217,243,005	175,920,358
1964	1,274,318,542	185,451,852
1965	1,392,343,655	200,208,915
1966	1,633,375,256	237,569,177
1967	1,803,504,711	266,062,059
1968	2,040,564,712	309,692,806
1969	2,339,759,285	352,238,195
1970	2,623,999,714	397,934,159
1971	3,073,951,761	466,040,455
1972	3,147,539,339	478,761,431
1973	3,561,622,293	535,694,739
1974	5,298,591,058	779,914,503
1975	5,840,682,817	860,389,494
1976	6,558,937,447	978,491,215
1977	8,233,176,629	1,235,254,904
1978	9,888,373,312	1,512,061,751
1979	13,040,075,852	1,995,002,729
THROUGH 1979	83,065,415,226	12,281,827,791

OIL AND GAS OPERATIONS
ALL PRODUCTS - PUBLIC LANDS

YEAR	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,271,733,400	252,153,658
1952	241,594,328	28,569,330
1953	292,393,147	35,072,403
1954	323,820,596	39,222,539
1955	340,933,265	41,508,394
1956	370,388,103	46,402,379
1957	438,229,644	54,873,743
1958	441,831,410	54,606,791
1959	462,191,091	57,759,779
1960	486,166,964	60,530,558
1961	532,630,879	68,563,629
1962	540,203,537	67,377,006
1963	570,758,041	71,458,113
1964	588,165,200	73,185,591
1965	529,306,527	74,367,529
1966	663,870,348	77,329,112
1967	669,405,079	83,090,554
1968	691,700,848	85,802,946
1969	725,358,671	89,434,919
1970	735,996,028	90,453,232
1971	754,638,757	91,563,619
1972	741,926,543	91,672,074
1973	883,538,045	108,921,058
1974	1,419,743,294	177,008,048
1975	1,566,953,379	196,332,950
1976	1,766,708,991	223,744,054
1977	2,055,557,664	258,117,693
1978	2,362,019,771	297,722,511
1979	3,181,175,345	396,577,532
THROUGH 1979	26,749,478,995	3,304,052,130

OIL AND GAS OPERATIONS
ALL PRODUCTS - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	5,036,861	967,852
1954	14,370,096	2,746,977
1955	27,050,679	5,140,006
1956	39,497,871	7,524,250
1957	61,072,588	11,341,245
1958	96,471,136	17,428,870
1959	150,472,527	26,539,577
1960	200,959,615	37,055,201
1961	273,536,455	47,920,252
1962	376,575,960	66,056,334
1963	450,856,484	76,999,220
1964	506,753,510	88,400,250
1965	594,222,732	102,862,540
1966	801,724,511	135,907,537
1967	947,214,691	157,657,609
1968	1,179,912,209	201,130,931
1969	1,443,870,472	240,090,655
1970	1,707,593,450	283,494,568
1971	2,135,677,078	350,042,458
1972	2,229,175,121	353,556,239
1973	2,486,854,355	401,126,114
1974	3,570,052,959	560,263,859
1975	3,924,914,930	615,544,570
1976	4,402,435,996	699,424,750
1977	5,774,056,434	919,547,456
1978	7,095,500,055	1,150,346,082
1979	9,273,278,309	1,515,347,550
THROUGH 1979	49,770,416,627	8,035,852,219

OIL AND GAS OPERATIONS
ALL PRODUCTS - ACQUIRED LANDS

YEAR	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	31,741,277	4,535,758
1952	13,367,941	1,585,014
1953	13,416,387	1,696,859
1954	10,251,361	1,268,203
1955	21,494,341	2,501,401
1956	21,786,030	2,480,271
1957	23,797,088	2,924,832
1958	22,733,661	2,855,474
1959	22,232,125	2,323,670
1960	21,609,448	2,692,050
1961	21,032,600	2,665,136
1962	21,358,493	2,712,625
1963	23,827,687	2,958,321
1964	30,080,513	3,504,030
1965	29,041,769	3,671,950
1966	34,649,914	4,324,594
1967	43,953,962	5,145,545
1968	38,563,626	4,732,631
1969	40,225,720	4,804,175
1970	40,359,118	5,007,148
1971	40,732,092	4,846,045
1972	37,395,345	4,465,629
1973	37,544,368	4,549,854
1974	47,484,861	5,534,450
1975	52,031,760	6,471,695
1976	58,231,127	7,320,426
1977	62,157,379	8,002,598
1978	66,376,892	11,009,129
1979	102,000,058	13,418,357
THROUGH 1979	1,030,227,053	131,296,156

OIL AND GAS OPERATIONS
ALL PRODUCTS - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	307,601	41,859
1952	3,244,422	597,878
1953	2,537,784	432,311
1954	4,361,618	827,295
1955	5,072,850	943,472
1956	7,080,995	1,163,651
1957	3,932,145	1,254,996
1958	7,751,892	1,103,739
1959	3,764,243	1,234,426
1960	8,978,714	1,344,500
1961	12,615,513	1,823,244
1962	23,952,500	4,719,159
1963	22,828,332	4,559,407
1964	20,772,093	4,165,251
1965	16,954,624	3,039,901
1966	14,507,319	2,569,240
1967	10,929,206	1,392,500
1968	9,439,857	1,514,099
1969	8,127,407	1,234,941
1970	7,532,029	1,214,554
1971	6,957,970	1,131,671
1972	7,435,344	1,179,055
1973	9,050,059	1,429,275
1974	12,003,065	1,913,451
1975	9,534,756	1,727,240
1976	14,214,420	2,274,551
1977	10,840,513	1,774,001
1978	16,524,271	2,746,532
1979	14,452,491	2,274,157
THROUGH 1979	306,135,233	52,552,789

OIL AND GAS OPERATIONS
ALL PRODUCTS - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	230,731,208	40,894,322
1952	6,582,083	803,819
1953	8,002,280	990,938
1954	7,747,354	359,177
1955	7,959,935	986,632
1956	8,754,450	1,089,978
1957	9,558,870	1,188,815
1958	9,745,710	1,208,991
1959	16,215,483	2,210,600
1960	16,404,711	2,219,588
1961	15,257,343	2,083,119
1962	14,469,356	1,965,195
1963	14,172,503	1,941,841
1964	12,994,538	1,779,732
1965	12,654,917	1,732,302
1966	11,696,122	1,596,662
1967	10,453,129	1,370,414
1968	9,947,967	1,276,892
1969	10,317,665	1,352,546
1970	12,061,960	1,648,658
1971	11,945,210	1,601,977
1972	10,283,560	1,332,132
1973	10,261,609	1,280,975
1974	13,916,601	1,658,832
1975	14,526,808	1,509,437
1976	12,434,705	1,346,898
1977	--	--
1978	--	--
1979	--	--
THROUGH 1979	519,356,078	78,131,552

OIL AND GAS OPERATIONS
ALL PRODUCTS - INDIAN LANDS

YEAR	PRODUCTION VALUE(4)	ROYALTY VALUE(4)
PRIOR	341,917,936	39,385,585
1952	40,654,669	4,612,642
1953	48,038,668	5,522,898
1954	50,931,731	5,958,121
1955	51,276,267	5,854,292
1956	55,971,039	6,418,870
1957	69,479,204	7,989,914
1958	126,341,443	15,167,706
1959	176,350,081	21,589,345
1960	168,509,591	21,151,044
1961	147,742,395	19,117,152
1962	136,512,664	18,002,610
1963	134,779,958	17,833,451
1964	115,521,788	15,013,857
1965	109,663,086	14,593,704
1966	106,826,872	14,272,026
1967	126,538,644	16,952,321
1968	110,940,205	15,159,309
1969	111,859,351	15,220,945
1970	120,457,129	15,105,829
1971	123,900,674	16,854,455
1972	121,259,325	15,556,192
1973	134,253,337	18,387,453
1974	235,339,278	33,410,808
1975	272,611,184	39,203,536
1976	304,908,208	44,372,056
1977	330,544,539	47,713,140
1978	346,852,323	50,237,457
1979	469,159,649	67,284,003
THROUGH 1979	4,689,801,260	629,940,775

OIL & CONDENSATE - ALL LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,785,123,077	2,770,446,283	350,690,041
1952	130,921,797	324,975,237	40,281,014
1954	138,638,746	352,959,246	44,700,543
1955	152,651,288	390,952,810	49,897,140
1956	168,014,892	432,995,419	57,309,126
1957	183,645,557	522,323,777	69,712,777
1958	211,355,080	600,669,796	80,665,312
1959	252,893,753	695,478,696	95,415,410
1960	272,712,131	733,867,918	104,464,781
1961	293,042,183	807,741,957	118,155,251
1962	317,465,836	884,159,503	130,442,809
1963	338,224,168	953,108,254	140,715,202
1964	351,228,685	982,757,299	147,645,243
1965	374,344,090	1,065,201,732	158,963,860
1966	422,922,327	1,221,154,845	183,617,878
1967	469,276,138	1,346,681,315	207,899,041
1968	520,475,660	1,505,779,056	234,975,368
1969	561,241,944	1,724,532,147	268,642,482
1970	603,587,677	1,900,347,645	297,450,367
1971	646,911,213	2,196,447,936	343,982,338
1972	628,950,312	2,132,051,243	335,283,881
1973	603,059,084	2,403,880,718	372,454,007
1974	568,877,908	3,748,433,310	570,931,081
1975	530,375,853	3,887,936,616	593,135,061
1976	512,262,058	4,033,236,847	613,165,542
1977	493,448,343	4,180,563,756	640,748,523
1978	476,407,362	4,473,186,570	682,841,875
1979	462,105,360	5,299,233,286	793,147,599
THROUGH 1979	12,470,162,522	51,571,103,217	7,727,333,552

OIL - PUBLIC LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,398,566,248	2,194,768,678	266,830,366
1952	104,941,345	257,734,054	31,901,292
1954	110,595,718	280,737,719	35,125,503
1955	117,652,841	296,980,595	37,234,614
1956	127,401,342	321,508,116	41,584,481
1957	135,210,667	375,758,556	48,390,642
1958	136,892,966	374,876,444	47,860,625
1959	147,443,539	387,112,654	49,776,637
1960	155,582,659	402,104,794	51,454,780
1961	168,950,475	440,773,074	59,029,049
1962	171,096,676	448,466,723	57,528,520
1963	178,333,811	467,903,523	60,567,838
1964	179,503,777	471,694,791	60,658,435
1965	181,400,184	489,875,664	60,899,172
1966	186,593,075	511,288,854	62,558,202
1967	193,363,149	514,782,573	66,815,814
1968	200,961,659	528,501,690	68,038,129
1969	201,465,849	566,145,061	71,913,973
1970	196,082,346	564,547,543	71,503,906
1971	183,652,895	568,671,798	71,220,950
1972	175,565,007	543,272,993	69,475,802
1973	170,279,204	640,611,960	81,657,305
1974	168,781,546	1,099,908,761	141,505,817
1975	163,061,742	1,178,215,758	153,555,392
1976	160,886,622	1,221,095,070	159,660,734
1977	158,554,169	1,241,996,573	162,627,887
1978	154,803,324	1,359,903,946	178,165,773
1979	146,418,034	1,809,742,494	231,406,792
THROUGH 1979	5,774,040,869	19,558,980,459	2,498,948,440

INCLUDES CONDENSATE

OIL - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1952	940,634	2,770,866	584,088
1954	2,723,173	8,028,326	1,681,702
1955	5,871,853	17,318,314	3,539,946
1956	10,136,355	29,764,624	6,019,747
1957	15,373,071	51,166,849	9,793,597
1958	23,709,108	77,266,710	14,482,598
1959	34,177,529	108,197,518	20,331,723
1960	47,359,144	139,113,972	27,843,125
1961	61,265,770	192,144,960	35,462,210
1962	84,931,909	264,052,899	48,707,457
1963	98,331,298	313,797,445	55,618,246
1964	114,977,253	352,677,995	64,360,892
1965	136,236,062	417,141,510	75,419,562
1966	175,187,390	537,917,792	96,028,102
1967	205,860,535	633,989,826	112,770,550
1968	252,016,345	780,113,838	138,248,305
1969	295,429,477	958,388,119	167,701,123
1970	337,122,985	1,112,183,855	193,102,272
1971	390,180,091	1,378,656,056	235,780,785
1972	378,497,189	1,331,063,800	227,096,426
1973	360,888,784	1,480,012,269	248,255,928
1974	332,354,155	2,196,822,331	361,566,306
1975	303,159,121	2,207,663,216	363,462,463
1976	294,483,025	2,335,775,088	380,224,980
1977	276,983,936	2,434,108,445	400,363,388
1978	270,421,174	2,627,929,612	429,615,710
1979	262,275,483	2,873,567,427	468,727,986
THROUGH 1979	4,770,892,749	24,861,633,662	4,186,789,217

CONDENSATE - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	210,063	719,664	135,453
1954	619,057	1,947,804	361,496
1955	833,631	2,624,334	483,418
1956	878,177	2,738,187	505,938
1957	597,116	2,397,306	432,270
1958	1,059,929	3,470,484	627,780
1959	1,519,992	4,871,845	889,736
1960	2,306,845	7,320,399	1,328,526
1961	3,064,308	9,527,903	1,788,043
1962	4,804,673	14,874,907	2,799,353
1963	6,247,942	19,168,310	3,618,838
1964	7,522,873	22,941,499	4,286,902
1965	8,732,553	26,664,321	4,988,612
1966	13,526,680	41,750,232	7,679,495
1967	16,001,079	48,190,009	8,627,708
1968	16,979,545	55,166,230	9,789,356
1969	17,430,510	60,742,729	10,590,402
1970	23,523,283	81,407,670	13,974,190
1971	28,368,855	103,024,860	17,448,239
1972	33,388,704	122,901,971	20,593,075
1973	33,841,215	140,719,956	23,234,913
1974	28,239,910	201,954,417	32,798,697
1975	27,078,331	221,185,285	36,064,743
1976	22,437,084	197,634,617	32,077,708
1977	26,964,304	249,472,545	40,783,625
1978	21,843,868	226,416,780	37,012,093
1979	23,290,055	254,025,614	40,592,290
THROUGH 1979	371,410,582	2,123,859,878	353,512,899

OIL & CONDENSATE - OUTER CONTINENTAL SHELF

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: :	BARRELS :	VALUE (\$) :	VALUE (\$) :
1953	1,150,697	3,490,530	719,541
1954	3,342,230	9,976,130	2,043,198
1955	6,705,484	19,942,648	4,023,364
1956	11,014,532	32,502,811	6,525,685
1957	16,070,187	53,564,155	10,225,867
1958	24,769,037	80,737,194	15,110,378
1959	35,697,521	113,069,363	21,221,459
1960	49,665,989	146,434,371	29,171,651
1961	64,330,078	201,672,863	37,250,253
1962	89,736,582	278,927,806	51,506,810
1963	104,579,240	332,965,755	59,237,084
1964	122,500,126	375,619,494	68,647,794
1965	144,968,615	443,805,831	80,408,174
1966	188,714,070	579,668,024	103,707,597
1967	221,861,614	682,179,835	121,398,258
1968	268,995,890	835,280,068	148,037,661
1969	312,859,987	1,019,130,648	178,291,525
1970	360,646,168	1,193,591,525	207,076,462
1971	418,548,946	1,481,680,916	253,229,024
1972	411,885,893	1,453,965,771	247,689,501
1973	394,729,999	1,620,732,225	271,490,841
1974	360,594,065	2,398,776,748	394,365,003
1975	330,237,452	2,428,848,501	399,527,206
1976	316,920,109	2,533,409,705	412,302,688
1977	303,948,240	2,683,580,990	441,147,013
1978	292,265,042	2,854,346,392	466,627,803
1979	285,565,538	3,127,593,041	509,320,276
THROUGH			
1979	5,142,303,331	26,985,493,540	4,540,302,116

OIL - ACQUIRED LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	11,900,940	30,707,749	3,354,269
1953	4,100,035	11,289,299	1,365,030
1954	2,862,960	7,814,787	936,267
1955	6,582,287	18,840,125	2,071,095
1956	6,019,508	18,693,408	1,938,981
1957	5,957,180	19,141,194	2,230,689
1958	5,427,265	17,429,499	2,007,502
1959	5,246,896	16,099,539	1,902,115
1960	5,400,439	16,222,675	1,880,548
1961	5,671,535	16,653,799	1,934,791
1962	5,896,846	17,659,153	2,032,415
1963	6,351,136	18,786,230	2,229,263
1964	6,864,528	20,374,977	2,508,196
1965	8,299,399	24,180,689	2,814,548
1966	10,162,671	28,901,413	3,326,008
1967	13,584,151	38,836,162	4,304,189
1968	11,381,348	33,070,393	3,742,995
1969	11,200,534	34,306,764	3,933,267
1970	10,619,459	33,495,119	3,836,397
1971	9,563,655	32,688,090	3,718,798
1972	8,430,096	28,336,681	3,237,186
1973	7,419,540	28,847,114	3,290,259
1974	6,345,202	38,428,114	4,469,526
1975	5,933,877	40,254,693	4,938,558
1976	6,082,754	43,693,988	5,398,970
1977	5,659,890	43,782,585	5,306,328
1978	4,745,180	40,642,818	5,030,452
1979	5,961,298	69,024,829	8,220,662
THROUGH 1979	203,770,809	788,201,886	91,959,304

INCLUDES CONDENSATE

OIL - MILITARY & MISCELLANEOUS LANDS

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
: : BARRELS :	: VALUE (\$) :	: VALUE (\$) :	
1952	688,124	1,829,745	240,996
1953	522,972	1,467,636	192,840
1954	585,800	1,703,050	223,554
1955	681,836	1,985,608	261,558
1956	907,944	2,687,541	373,562
1957	1,334,134	4,349,997	608,211
1958	1,193,514	3,692,505	534,578
1959	1,192,339	3,667,202	518,938
1960	1,350,615	4,169,084	592,650
1961	1,821,436	6,064,103	898,584
1962	2,645,697	8,032,264	1,555,860
1963	2,601,703	7,835,013	1,568,495
1964	2,503,467	7,439,766	1,435,753
1965	2,097,570	6,163,808	1,030,222
1966	1,659,616	4,958,046	812,945
1967	1,205,075	3,633,313	591,009
1968	1,065,528	3,272,986	528,077
1969	860,479	2,768,734	443,778
1970	720,957	2,357,026	378,501
1971	614,033	2,157,324	347,547
1972	527,622	1,860,795	299,378
1973	422,973	1,625,732	260,690
1974	364,304	2,650,155	421,724
1975	305,380	1,913,607	299,375
1976	307,686	2,121,966	335,890
1977	253,435	2,119,672	339,304
1978	315,526	2,729,810	442,242
1979	287,370	4,400,845	711,397
THROUGH			
1979	29,037,135	99,657,333	16,248,658

INCLUDES CONDENSATE

OIL - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	165,775,705	192,689,464	38,531,931
1953	2,353,249	6,957,131	916,583
1954	2,206,989	6,655,619	873,019
1955	2,253,842	6,877,567	903,636
1956	2,469,072	7,520,349	992,349
1957	2,395,952	8,094,676	1,057,469
1958	2,436,065	7,984,498	1,046,020
1959	4,501,638	14,058,546	2,001,938
1960	4,769,681	14,116,475	1,990,424
1961	4,259,116	12,568,369	1,741,976
1962	3,868,245	11,404,725	1,597,802
1963	3,809,299	11,208,795	1,586,044
1964	3,553,369	10,395,256	1,465,484
1965	3,461,424	10,097,461	1,437,235
1966	3,200,392	9,186,946	1,316,197
1967	2,778,825	8,127,939	1,112,033
1968	2,755,205	7,567,480	1,026,707
1969	2,768,267	8,137,938	1,120,342
1970	2,956,430	9,215,920	1,300,247
1971	2,810,006	9,386,423	1,324,538
1972	2,366,297	7,878,263	1,075,055
1973	2,141,673	7,879,572	1,042,448
1974	2,107,885	10,796,894	1,339,130
1975	1,457,192	10,748,016	1,206,385
1976	847,597	9,453,489	1,027,850
1977-79	--	--	--
THROUGH 1979	234,323,415	419,007,811	69,032,842

INCLUDES CONDENSATE

OIL - INDIAN LANDS

YEAR	PRODUCTION BARRELS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICER	208,192,060	350,450,647	41,732,479
1953	17,853,499	44,036,587	5,185,728
1954	19,045,049	46,071,941	5,499,002
1955	18,774,998	46,326,267	5,402,873
1956	20,202,494	50,083,194	5,894,068
1957	22,677,437	61,415,199	7,199,899
1958	40,636,233	115,949,656	14,106,199
1959	58,811,820	161,471,392	19,994,323
1960	55,942,748	150,820,519	19,374,728
1961	48,009,443	130,009,749	17,300,598
1962	44,221,790	119,668,832	16,221,402
1963	42,548,979	114,408,938	15,526,478
1964	36,303,318	97,233,015	12,929,581
1965	34,116,898	91,078,279	12,374,509
1966	32,592,503	87,151,562	11,895,929
1967	36,483,324	99,121,493	13,677,738
1968	35,316,030	98,086,439	13,601,799
1969	32,066,828	94,042,802	12,939,597
1970	32,562,317	97,140,512	13,354,854
1971	31,621,678	101,863,385	14,141,481
1972	30,175,397	96,736,740	13,506,959
1973	28,065,695	104,184,115	14,712,464
1974	30,684,906	197,872,638	28,329,881
1975	29,380,210	227,956,041	33,608,145
1976	27,217,290	223,462,629	34,439,410
1977	25,032,609	209,083,936	31,327,991
1978	24,278,290	215,563,604	32,575,605
1979	23,873,120	288,472,077	43,488,472
THROUGH 1979	1,086,686,963	3,719,762,188	510,842,192

INCLUDES CONDENSATE

GAS - ALL LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	2,622,981,534	195,402,603	22,843,347
1952	289,681,635	27,683,780	3,508,754
1954	384,946,114	41,457,449	5,426,341
1955	431,148,864	46,679,037	6,365,590
1956	488,515,610	53,099,064	7,047,311
1957	618,622,081	70,891,563	9,058,294
1958	684,146,335	81,343,235	10,660,144
1959	831,004,638	119,196,457	15,670,463
1960	946,545,802	143,293,059	19,075,286
1961	1,024,616,870	160,607,813	21,464,112
1962	1,174,691,417	195,749,243	27,852,239
1963	1,366,820,958	223,928,725	31,680,464
1964	1,505,193,543	249,428,960	35,033,270
1965	1,556,524,155	275,857,021	36,478,721
1966	2,020,097,414	346,845,625	48,005,363
1967	2,404,172,359	389,688,684	52,114,354
1968	2,603,945,807	450,890,202	68,457,026
1969	3,042,277,611	529,793,543	77,863,986
1970	3,554,386,271	615,647,765	91,923,859
1971	3,949,927,513	736,679,781	110,855,352
1972	4,162,967,570	870,272,796	131,797,472
1973	4,364,221,909	985,645,458	149,507,948
1974	4,748,651,256	1,193,190,980	181,452,284
1975	4,569,549,389	1,580,462,641	242,706,300
1976	4,804,603,288	2,246,509,148	342,707,253
1977	4,904,225,951	3,646,763,825	560,842,156
1978	5,561,707,330	5,236,447,512	813,729,431
1979	5,860,841,248	7,656,987,591	1,195,387,889
THROUGH 1979	70,477,014,522	28,370,443,560	4,319,515,009

GAS - PUBLIC LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICR	2,211,336,722	160,314,450	16,849,110
1953	223,097,590	20,525,871	2,392,652
1954	260,661,003	28,447,239	3,349,697
1955	273,535,090	30,346,803	3,606,396
1956	312,918,567	34,441,069	4,095,207
1957	417,719,468	47,569,893	5,754,160
1958	417,713,018	47,247,637	5,827,649
1959	460,359,604	57,357,183	7,092,240
1960	513,463,510	66,353,677	8,139,267
1961	538,842,841	71,444,865	8,534,532
1962	518,137,371	71,306,325	8,384,420
1963	587,724,390	83,526,937	10,048,159
1964	664,939,303	94,972,112	11,582,894
1965	710,621,779	113,317,822	12,574,861
1966	807,015,632	126,190,744	14,165,726
1967	975,536,613	126,243,605	15,048,818
1968	942,192,519	136,927,127	16,566,225
1969	902,864,518	135,814,227	16,512,809
1970	933,930,236	144,097,667	17,778,962
1971	978,504,806	154,207,494	18,959,267
1972	927,262,696	169,659,796	20,888,677
1973	961,626,091	205,884,381	25,445,556
1974	1,049,699,048	264,763,891	32,982,392
1975	942,411,814	317,016,570	39,384,130
1976	1,026,951,041	497,277,294	61,384,631
1977	995,594,159	742,000,987	91,797,422
1978	1,010,774,197	938,707,468	115,968,904
1979	1,032,785,573	1,314,492,099	162,648,604
THROUGH 1979	21,598,219,199	6,205,455,233	758,263,367

GAS - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	19,881,055	1,546,331	248,351
1954	56,325,083	4,393,968	705,779
1955	81,279,042	7,118,031	1,116,642
1956	82,892,538	6,995,060	1,103,698
1957	82,573,604	7,508,433	1,165,378
1958	127,692,848	15,733,942	2,313,500
1959	207,156,296	37,403,164	5,318,518
1960	273,034,451	52,761,614	7,636,074
1961	318,280,095	64,615,520	9,483,489
1962	451,952,659	92,209,196	13,748,400
1963	564,352,606	106,783,758	16,136,781
1964	621,731,438	118,377,080	17,887,512
1965	645,589,469	126,977,562	19,248,110
1966	1,007,447,235	189,381,492	29,142,325
1967	1,187,215,750	227,694,353	32,034,125
1968	1,524,178,078	291,257,157	48,453,728
1969	1,954,486,975	365,770,489	57,390,306
1970	2,418,676,591	438,136,408	69,445,227
1971	2,777,043,418	549,648,012	87,405,860
1972	3,038,554,773	663,647,779	105,892,430
1973	3,211,588,422	736,877,724	118,244,998
1974	3,514,723,907	877,700,506	141,653,952
1975	3,458,693,454	1,205,677,587	195,198,256
1976	3,595,923,526	1,652,842,563	268,090,028
1977	3,737,746,922	2,766,397,049	449,322,812
1978	4,385,060,878	4,135,198,537	672,570,441
1979	4,672,979,139	6,125,502,323	1,002,697,388
THROUGH 1979	44,017,060,252	20,868,155,638	3,373,654,117

CAS - ACQUIRED LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICE	45,867,063	13,727,060	2,842,531
1952	3,274,051	2,103,666	328,557
1954	7,432,954	2,434,203	331,899
1955	13,452,335	2,646,570	530,200
1956	14,563,264	3,069,601	549,884
1957	20,162,120	4,571,761	689,994
1958	28,035,077	5,271,016	848,812
1959	29,379,281	6,121,928	919,739
1960	27,936,767	5,366,788	810,297
1961	23,020,236	4,356,406	749,812
1962	19,630,273	4,155,524	678,929
1963	24,149,509	4,989,019	766,559
1964	40,637,419	9,690,751	1,395,024
1965	22,838,638	4,835,587	856,233
1966	27,561,784	5,730,189	1,007,470
1967	25,266,876	5,109,322	839,865
1968	25,192,539	5,479,838	988,455
1969	27,057,260	5,370,870	847,291
1970	34,194,101	7,294,894	1,187,618
1971	36,924,567	8,018,537	1,122,520
1972	39,843,511	9,021,615	1,225,563
1973	34,906,662	8,560,488	1,233,086
1974	28,622,424	8,020,883	1,057,327
1975	33,451,377	11,181,683	1,488,032
1976	31,158,641	13,680,942	1,863,975
1977	33,086,630	17,308,073	2,604,592
1978	33,501,445	25,524,413	5,954,624
1979	23,416,009	31,862,222	5,093,589
THROUGH 1979	754,562,893	235,503,849	38,812,477

GAS - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	14,912,174	1,707,167	396,850
1953	11,543,574	1,055,117	237,592
1954	23,870,446	2,646,564	604,239
1955	27,821,627	3,076,321	685,549
1956	37,763,033	4,378,812	793,268
1957	38,911,729	4,568,237	645,046
1958	34,047,738	4,041,245	567,004
1959	39,647,686	5,076,517	712,924
1960	36,114,748	4,731,478	739,924
1961	41,677,867	5,970,687	832,677
1962	86,382,829	12,984,649	2,607,667
1963	78,867,844	11,305,739	2,359,759
1964	67,496,659	9,645,309	1,778,952
1965	55,044,729	7,800,645	1,451,824
1966	47,944,559	6,702,801	1,221,595
1967	34,279,197	4,895,606	873,810
1968	32,355,031	4,341,222	737,228
1969	28,405,044	3,984,122	666,127
1970	24,275,230	3,523,494	581,972
1971	22,481,477	3,442,441	563,255
1972	25,364,900	4,285,247	669,626
1973	28,665,073	5,585,760	877,353
1974	26,677,235	6,714,919	1,074,211
1975	21,313,841	5,251,453	1,032,643
1976	21,804,398	9,428,439	1,554,140
1977	14,775,757	6,977,841	1,150,448
1978	20,812,038	11,385,339	1,893,804
1979	13,309,522	8,254,045	1,372,514
THROUGH 1979	956,565,985	163,761,216	28,882,001

GAS - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	145,253,952	9,129,467	1,344,887
1952	1,576,095	220,653	27,945
1954	1,689,539	236,892	29,950
1955	1,844,356	258,914	33,514
1956	2,638,241	370,124	48,557
1957	3,195,104	595,024	78,088
1958	4,074,323	856,895	112,526
1959	4,934,293	1,162,773	152,207
1960	4,955,706	1,323,151	174,260
1961	6,144,654	1,736,308	273,296
1962	6,345,639	2,178,311	310,845
1963	6,259,892	2,057,584	298,556
1964	5,874,316	1,809,217	262,393
1965	5,735,395	1,698,676	244,275
1966	5,254,036	1,634,503	228,830
1967	5,130,528	1,543,544	209,132
1968	5,171,126	1,524,029	204,165
1969	4,769,758	1,431,470	191,003
1970	6,640,860	2,096,553	304,642
1971	4,550,787	1,591,682	207,959
1972	3,995,722	1,438,672	189,070
1973	3,546,616	1,333,942	172,936
1974	3,848,176	1,743,429	226,854
1975	3,576,068	2,333,759	303,898
1976	2,226,510	1,947,266	253,365
1977-79	--	--	--
THROUGH			
1979	249,231,692	42,252,838	5,883,153

GAS - INDIAN LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	205,611,603	10,524,459	1,409,969
1954	30,309,270	2,232,142	273,657
1955	34,967,089	3,298,583	404,777
1956	33,216,354	3,232,398	393,289
1957	37,739,967	3,844,398	456,697
1958	56,060,056	6,078,215	725,628
1959	72,583,331	8,192,500	990,653
1960	89,527,528	12,074,892	1,474,835
1961	91,040,620	12,756,351	1,575,464
1962	96,651,177	12,484,027	1,590,306
1963	92,242,646	12,915,238	1,621,978
1964	105,466,717	15,265,688	2,070,650
1965	104,514,408	14,934,491	1,926,495
1966	116,594,145	16,226,729	2,103,418
1967	124,974,168	17,205,896	2,239,417
1968	176,743,395	24,202,254	3,108,604
1969	74,856,514	11,360,829	1,507,225
1970	124,694,056	17,422,365	2,256,450
1971	136,669,253	20,498,749	2,625,438
1972	130,422,458	19,771,615	2,596,482
1973	127,945,968	22,219,687	2,932,106
1974	123,889,045	27,403,163	3,534,019
1975	125,080,466	34,247,352	4,457,548
1976	110,102,835	39,001,589	5,299,341
1977	126,539,172	71,332,644	9,561,114
1978	123,022,483	114,079,875	15,966,882
1979	111,558,772	125,631,755	17,341,658
1979	118,351,005	176,876,902	23,575,794
THROUGH 1979	2,901,374,501	855,314,786	114,019,894

GASOLINE AND LPG - ALL LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	3,544,102,002	216,128,653	9,819,036
1952	239,754,954	16,665,235	882,437
1954	256,093,458	16,846,162	837,701
1955	251,666,352	16,019,025	759,947
1956	267,011,652	17,252,322	829,501
1957	277,031,138	17,842,486	838,751
1958	337,113,070	21,694,271	971,167
1959	396,595,744	21,584,078	1,028,106
1960	484,226,511	23,097,742	1,166,119
1961	567,547,013	26,872,400	1,382,675
1962	640,291,022	27,877,009	1,714,376
1963	671,513,211	28,724,615	1,876,209
1964	650,488,537	29,186,422	1,897,341
1965	597,079,532	28,057,965	1,626,858
1966	633,776,306	32,100,432	1,804,624
1967	841,750,823	34,121,481	1,838,029
1968	569,929,209	29,707,775	1,573,462
1969	831,569,825	35,652,048	2,008,379
1970	1,701,029,693	82,797,186	5,293,101
1971	2,263,892,484	116,483,382	7,714,913
1972	2,378,392,069	122,440,171	8,211,174
1973	2,304,231,928	147,836,095	10,091,230
1974	2,598,801,391	317,502,020	23,034,221
1975	2,506,802,361	292,674,852	20,165,202
1976	2,384,445,023	307,085,063	22,787,813
1977	2,354,892,895	390,951,453	31,576,090
1978	1,013,414,514	144,586,147	10,530,465
1979	388,299,434	67,737,016	3,781,227
THROUGH 1979	31,951,742,151	2,629,523,506	176,040,154

GASOLINE AND LPG - PUBLIC LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	2,653,469,180	158,304,600	7,116,502
1954	197,295,812	14,038,186	767,718
1955	211,127,968	14,429,768	726,491
1956	202,773,556	13,449,401	650,864
1957	211,335,779	14,307,235	710,087
1958	217,881,775	14,789,482	715,168
1959	279,939,200	18,539,379	845,531
1960	303,635,937	17,235,440	847,100
1961	343,722,075	17,112,983	897,785
1962	400,958,487	20,039,775	995,226
1963	436,096,464	20,111,679	943,119
1964	414,404,169	19,008,943	821,221
1965	457,065,213	21,378,681	936,130
1966	438,046,383	21,874,102	902,683
1967	493,474,339	25,843,359	1,084,128
1968	711,565,564	27,657,586	1,193,060
1969	470,124,389	25,478,098	1,157,681
1970	513,379,860	22,833,326	980,736
1971	541,844,486	26,851,248	1,158,713
1972	616,556,653	31,284,335	1,360,494
1973	555,253,852	28,587,827	1,288,824
1974	573,042,559	36,615,625	1,799,921
1975	487,081,480	54,478,614	2,493,858
1976	435,831,752	66,486,208	2,965,984
1977	388,156,373	46,290,480	2,281,722
1978	251,831,232	66,688,778	3,164,466
1979	234,446,296	51,106,413	2,115,930
1980	356,096,839	61,772,761	3,174,282
THROUGH 1979	13,396,437,672	956,594,312	44,095,424

GASOLINE AND LPG - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1969	222,430,316	9,777,811	714,111
1970	1,075,386,730	51,180,237	3,728,914
1971	1,550,667,787	80,563,166	5,944,366
1972	1,737,223,848	89,214,084	6,525,129
1973	1,634,808,398	105,437,650	7,768,081
1974	2,031,542,200	254,743,978	19,796,332
1975	1,983,172,850	216,042,645	16,375,770
1976	1,923,689,633	246,449,316	19,655,521
1977	2,054,570,979	314,642,294	27,687,770
1978	718,771,848	85,728,017	7,744,713
1979	(4,919,512)	(616,833)	12,157
THROUGH 1979	14,927,345,077	1,453,162,365	115,952,864

GASOLINE AND LPG - ACQUIRED LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	13,730,013	674,409	24,002
1953	140,109	23,422	3,282
1954	57,410	2,371	37
1955	168,445	7,646	106
1956	449,195	23,021	406
1957	1,307,737	84,133	4,199
1958	535,548	33,146	2,160
1959	480,429	30,658	1,822
1960	307,719	19,985	1,205
1961	1,411,468	68,369	271
1962	973,567	40,956	1,228
1963	1,264,306	51,371	2,481
1964	438,608	16,695	862
1965	703,191	25,486	1,148
1966	507,078	18,382	1,116
1967	650,648	18,478	1,591
1968	588,420	13,395	1,181
1969	575,865	548,086	23,617
1970	2,328,936	(430,895)	(16,867)
1971	1,827,651	75,465	4,727
1972	961,331	36,255	2,866
1973	4,355,472	236,549	26,497
1974	4,616,936	1,024,136	107,007
1975	3,937,157	508,712	35,751
1976	3,999,248	601,251	37,020
1977	3,209,033	563,295	31,333
1978	(6,173,316)	(351,048)	(50,928)
1979	9,968,897	961,894	98,718
THROUGH 1979	53,321,001	4,925,623	346,838

GASOLINE AND LPG - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	321,938	15,111	1,889
1952	346,742	15,031	1,879
1954	329,852	12,004	1,500
1955	299,011	10,921	1,365
1956	360,254	14,642	1,831
1957	386,647	13,911	1,739
1958	442,113	16,142	2,177
1959	502,310	20,524	2,566
1960	1,485,868	78,152	11,926
1961	12,513,282	580,723	93,983
1962	69,999,467	2,935,687	555,662
1963	82,142,231	3,687,580	761,153
1964	76,520,868	3,688,018	753,577
1965	65,052,254	2,990,171	557,862
1966	55,597,779	2,946,472	533,706
1967	40,273,458	2,400,287	430,687
1968	36,412,989	1,885,649	318,794
1969	31,149,114	1,374,551	225,040
1970	27,850,226	1,651,509	254,181
1971	22,419,494	1,356,205	220,869
1972	22,054,424	1,349,302	210,061
1973	25,165,511	1,848,567	291,232
1974	23,241,275	2,637,991	422,531
1975	18,870,076	2,469,688	395,224
1976	17,084,085	2,664,015	384,931
1977	10,123,520	1,743,100	284,249
1978	16,023,978	2,509,122	410,536
1979	8,741,775	1,797,601	290,976
THROUGH 1979	665,720,541	42,716,676	7,422,126

GASOLINE AND LPC - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICP	397,437,569	35,544,360	1,821,323
1953	9,450,565	824,496	46,410
1954	9,627,897	854,843	56,208
1955	9,327,839	833,455	49,482
1956	9,751,698	863,977	49,072
1957	10,755,157	969,170	53,258
1958	12,327,495	904,317	50,445
1959	13,382,340	993,659	56,431
1960	13,589,464	953,901	54,351
1961	13,674,947	934,913	66,947
1962	12,726,148	860,093	55,137
1963	13,007,028	871,389	55,031
1964	11,123,408	753,240	49,543
1965	12,177,153	820,419	49,817
1966	13,001,541	832,556	49,400
1967	12,258,535	737,388	47,010
1968	13,290,191	846,180	45,545
1969	11,365,892	733,287	40,400
1970	11,337,398	735,724	42,978
1971	14,077,265	952,607	68,637
1972	14,041,541	957,556	67,490
1973	14,031,836	1,033,433	64,709
1974	14,695,633	1,348,331	91,152
1975	13,026,308	1,525,373	97,985
1976	7,952,422	1,021,034	64,863
1977-79	--	--	--
THROUGH			
1979	687,437,270	57,705,701	3,193,624

GASOLINE AND LPG - INDIAN LANDS

YEAR	PRODUCTION GALLONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	479,143,302	21,590,173	855,320
1953	32,521,726	1,764,100	63,148
1954	34,940,331	1,547,176	53,465
1955	39,097,501	1,717,602	58,130
1956	45,114,726	2,043,447	68,105
1957	46,699,822	1,985,790	64,387
1958	43,868,714	2,199,287	70,854
1959	78,594,728	3,303,797	120,187
1960	125,121,385	4,932,721	200,852
1961	138,988,829	5,248,620	226,248
1962	120,495,376	3,928,594	159,230
1963	160,695,477	5,105,332	236,323
1964	105,340,440	3,349,788	157,229
1965	81,100,551	2,347,787	115,348
1966	71,195,569	2,459,663	136,274
1967	77,002,618	3,307,742	165,681
1968	49,513,220	1,484,453	50,261
1969	52,668,778	384,987	24,475
1970	42,281,917	2,809,363	125,182
1971	58,343,634	2,249,604	115,820
1972	48,857,073	2,295,147	116,804
1973	52,828,152	2,664,271	140,790
1974	37,623,967	3,268,970	123,341
1975	51,964,218	5,642,226	294,488
1976	43,563,262	10,058,967	363,756
1977	35,158,131	7,313,986	408,272
1978	50,345,708	5,593,643	310,214
1979	18,411,435	3,821,593	205,094
THROUGH 1979	2,221,480,590	114,418,829	5,029,278

CD-2 - ALL LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,992,042	--	4,460
1953	144,026	9,437	612
1954	176,957	12,387	1,337
1955	203,127	19,829	2,479
1956	209,789	19,740	2,468
1957	176,977	16,464	2,058
1958	157,622	16,410	2,051
1959	142,683	16,102	1,974
1960	149,538	23,569	2,101
1961	227,469	37,352	3,350
1962	268,691	47,297	4,045
1963	437,601	73,970	6,741
1964	499,728	79,430	7,130
1965	346,858	67,739	5,615
1966	337,747	71,137	5,861
1967	385,461	77,032	6,335
1968	295,585	52,012	5,644
1969	303,471	62,011	6,527
1970	188,918	36,785	3,467
1971	250,646	53,406	5,268
1972	256,178	49,663	5,262
1973	299,892	47,669	4,970
1974	308,254	57,316	5,288
1975	369,164	72,012	7,292
1976	198,830	111,326	10,178
1977	279,385	173,091	16,839
1978	276,721	132,090	13,150
1979	206,308	151,570	14,616
THROUGH 1979	9,089,668	1,586,846	157,118

CO-2 - PUBLIC LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,992,042	--	4,460
1952	144,026	9,437	612
1954	176,957	12,387	1,337
1955	203,127	19,829	2,479
1956	209,789	19,740	2,468
1957	176,977	16,464	2,058
1958	157,622	16,410	2,051
1959	141,111	15,597	1,950
1960	114,786	12,385	1,548
1961	172,329	19,599	2,450
1962	184,157	21,070	2,634
1963	320,139	39,235	4,531
1964	375,120	42,605	4,768
1965	227,716	29,378	3,640
1966	206,959	29,020	3,626
1967	247,995	32,774	4,096
1968	263,659	41,734	5,169
1969	253,149	47,041	5,726
1970	142,742	23,022	2,676
1971	201,913	38,908	4,425
1972	224,517	40,594	4,745
1973	237,412	33,007	4,088
1974	225,091	29,369	3,592
1975	295,734	52,252	6,073
1976	158,605	98,410	9,368
1977	279,385	173,091	16,839
1978	276,721	132,090	13,150
1979	206,308	151,570	14,616
THROUGH 1979	7,816,088	1,197,118	135,175

CO-2 - NAVAL PETROLEUM RESERVE LANDS

YEAR	PRODUCTION MCF	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1959	1,572	505	24
1960	34,752	11,184	553
1961	55,140	17,753	900
1962	64,534	26,227	1,411
1963	117,462	34,735	2,210
1964	124,608	36,825	2,362
1965	119,142	38,361	1,975
1966	130,788	42,117	2,235
1967	137,466	44,258	2,239
1968	31,926	10,278	475
1969	50,322	14,970	801
1970	46,176	13,763	791
1971	48,733	14,498	843
1972	31,661	9,069	517
1973	62,480	14,662	882
1974	83,163	27,947	1,696
1975	73,430	19,660	1,219
1976	40,225	12,916	810
1977-79	--	--	--
THROUGH 1979	1,273,580	389,728	21,943

SALT - ALL LANDS
OUTER CONTINENTAL SHELF ONLY

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1960	59,794	10,764	1,792
1961	528,581	95,142	15,857
1962	176,924	31,848	5,308
1963	262,951	47,334	7,889
1964	212,978	38,334	6,389
1965	290,804	52,334	8,724
1966	297,475	53,544	8,924
1967	274,422	49,396	7,422
1968	540,651	97,317	17,030
1969	343,060	61,751	10,292
1970	269,591	48,544	8,091
1971	370,406	66,673	11,112
1972	358,782	64,581	10,764
1973	381,247	68,624	11,437
1974	346,411	62,354	10,392
1975	151,032	(54,212)	(8,469)
1976	(113,590)	(20,446)	(3,408)
1977-79 THROUGH	--	--	--
1979	4,751,619	773,882	129,546

SULFUR - ALL LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRICER	72,464	7,346	23,009
1953	28,215	91,438	10,494
1954	40,651	207,514	20,488
1955	29,300	136,637	14,041
1956	24,618	111,943	10,136
1957	24,359	95,249	11,715
1958	101,724	1,151,540	70,925
1959	129,978	470,217	41,852
1960	156,596	2,345,991	322,972
1961	444,997	7,620,523	1,193,419
1962	321,540	5,807,650	854,184
1963	588,610	11,360,107	1,633,853
1964	559,145	12,828,197	1,862,459
1965	1,093,224	23,106,864	3,185,135
1966	1,438,930	33,149,673	4,146,527
1967	1,446,960	37,986,803	4,196,878
1968	1,598,199	54,038,350	4,664,278
1969	1,262,728	49,657,786	3,706,530
1970	1,139,699	25,121,789	3,255,304
1971	1,216,461	24,220,603	3,471,472
1972	1,272,838	22,660,885	3,452,878
1973	1,487,753	24,143,729	3,625,147
1974	1,622,241	35,379,977	3,873,831
1975	1,345,977	72,483,407	3,822,688
1976	(582,396)	(38,075,966)	(1,673,398)
1977	47,056	647,226	23,710
1978	(830,571)	869,800	34,564
1979	702,339	546,666	16,890
THROUGH			
1979	16,883,635	408,171,944	45,871,981

SULFUR - PUBLIC LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	72,158	--	22,550
1953	27,972	85,549	10,120
1954	40,067	193,483	19,611
1955	29,300	136,637	14,041
1956	24,618	111,943	10,136
1957	24,359	95,249	11,715
1958	101,724	1,151,540	70,925
1959	129,978	470,217	41,852
1960	58,571	583,125	37,188
1961	42,852	353,566	22,372
1962	35,401	297,740	18,315
1963	35,979	289,403	16,364
1964	24,166	77,011	3,364
1965	1,688	(290,429)	(12,827)
1966	37,480	518,371	17,430
1967	37,296	688,541	28,776
1968	39,845	752,199	35,742
1969	29,299	519,016	21,675
1970	39,661	476,548	19,075
1971	37,204	486,222	18,683
1972	95,384	365,433	14,026
1973	245,191	393,072	14,188
1974	317,722	550,858	20,914
1975	91,117	2,731,882	84,509
1976	(28,599)	(1,306,954)	(21,814)
1977	46,593	640,146	23,555
1978	(825,526)	897,540	39,197
1979	702,084	546,536	16,879
THROUGH 1979	1,513,584	11,814,484	618,570

SULFUR - OUTER CONTINENTAL SHELF

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1960	98,025	1,762,866	285,784
1961	401,521	7,252,931	1,170,733
1962	285,975	5,507,050	935,816
1963	552,573	11,069,637	1,617,471
1964	634,875	12,748,602	1,858,535
1965	1,090,950	23,387,005	3,197,532
1966	1,400,848	32,621,551	4,128,691
1967	1,409,276	37,291,107	4,167,804
1968	1,553,621	53,277,667	4,628,512
1969	1,232,939	49,129,573	3,684,432
1970	1,099,584	24,636,736	3,235,874
1971	1,178,400	23,718,311	3,452,117
1972	1,176,833	22,286,906	3,438,515
1973	1,235,358	23,748,632	3,610,757
1974	1,303,750	34,820,443	3,852,700
1975	1,248,134	69,737,571	3,737,784
1976	(554,271)	(36,777,151)	(1,651,704)
1977	--	--	--
1978	(5,090)	(27,891)	(4,648)
1979	--	--	--
THROUGH 1979	15,343,301	396,191,546	45,246,615

SULFUR - ACQUIRED LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1961	624	14,026	314
1962	164	2,860	53
1963	58	1,067	18
1964	(136)	(1,910)	(2)
1965	1	7	1
1966-71	--	--	--
1972	89	794	14
1973	28	237	12
1974	727	9,358	179
1975	706	12,427	222
1976	432	7,495	142
1977	433	6,888	134
1978	18	46	4
1979	51	66	4
THROUGH 1979	3,195	52,363	1,105

SULFUR - INDIAN LANDS

YEAR	PRODUCTION TONS	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	306	7,346	459
1954	243	5,839	365
1954	584	14,031	877
1955-63	--	--	--
1964	240	4,494	562
1965	585	10,291	429
1966	602	9,751	406
1967	388	7,155	298
1968	4,733	8,484	24
1969	490	9,197	423
1970	454	8,505	355
1971	857	16,070	672
1972	532	7,752	323
1973	7,176	1,788	190
1974	42	318	38
1975	6,020	1,527	163
1976	42	644	68
1977	30	192	21
1978	27	103	11
1979	204	64	7
THROUGH 1979	23,555	113,551	5,691

OIL LOST - ALL LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	3,800	22,225	3,523
1975	25,860	161,959	19,654
1976	22,250	152,462	18,954
1977	74,081	515,020	75,948
1978	48,520	472,812	64,215
1979	17,191	181,912	25,172
THROUGH 1979	191,702	1,506,390	207,466

OIL LOST - PUBLIC LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	896	5,819	728
1975	22,926	133,905	15,095
1976	19,790	125,497	15,016
1977	24,832	237,101	29,674
1978	22,518	168,344	13,743
1979	11,578	98,875	12,331
THROUGH 1979	102,640	769,541	86,587

OIL LOST - OUTER CONTINENTAL SHELF

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
:	:	VALUE (\$)	VALUE (\$)
1974	2,904	16,406	2,795
1975	2,660	26,404	4,365
1976	1,366	13,893	2,304
1977	49,147	276,992	46,152
1978	25,960	304,009	50,399
1979	4,770	67,272	10,870
THROUGH			
1979	86,807	704,976	116,885

OIL LOST - ACQUIRED LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	121	703	83
1976	1,070	12,956	1,620
1977	59	530	66
1978	12	90	11
1979	736	15,679	1,960
THROUGH 1979	1,998	29,958	3,740

OIL LOST - INDIAN LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	153	947	111
1976	24	116	14
1977	43	397	56
1978	30	369	62
1979	7	86	11
THROUGH 1979	257	1,915	254

GAS LOST - ALL LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	14,595,081	3,942,676	603,883
1975	20,461,790	6,945,542	1,041,766
1976	22,590,796	9,939,013	1,478,281
1977	21,592,043	13,562,258	1,971,638
1978	45,907,158	32,678,381	4,948,061
1979	18,907,535	15,237,811	2,629,336
THROUGH 1979	144,054,403	82,305,881	12,572,965

GAS LOST - PUBLIC LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	15,080	5,982	747
1975	6,180,067	2,226,704	321,777
1976	6,729,996	3,129,194	414,407
1977	6,069,208	3,830,988	457,850
1978	13,262,747	11,103,970	1,405,814
1979	(2,060,427)	(5,628,990)	(695,972)
THROUGH 1979	30,196,671	14,667,848	1,904,623

GAS LOST - OUTER CONTINENTAL SHELF

: YEAR :	PRODUCTION :	PRODUCTION :	ROYALTY :
:	:	VALUE (\$):	VALUE (\$):
1974	14,568,768	3,933,524	602,715
1975	14,085,390	4,636,434	709,658
1976	15,493,758	6,522,116	1,020,451
1977	15,148,979	9,159,109	1,443,719
1978	31,917,306	20,950,991	3,357,374
1979	20,896,282	20,732,506	3,307,259
THROUGH			
1979	112,110,483	65,934,680	10,450,176

GAS LOST - ACQUIRED LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1974	11,233	3,370	421
1975	179,445	73,542	9,039
1976	296,862	234,495	26,697
1977	328,647	506,008	60,145
1978	662,785	560,571	74,966
1979	94,258	135,368	3,424
THROUGH 1979	1,573,230	1,513,354	174,602

GAS LOST - MILITARY & MISCELLANEOUS LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	18	8	4
1976-79 THROUGH	18	8	4

GAS LOST - INDIAN LANDS

YEAR	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1975	16,870	8,854	1,288
1976	70,180	53,208	7,726
1977	45,209	66,153	9,924
1978	64,320	62,849	9,907
1979	(22,578)	(1,073)	14,625
THROUGH 1979	174,001	189,991	43,470

PUBLIC LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION (BARRELS)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	2,638	16,104	2,046
ALASKA	4,554,610	28,795,786	3,599,474
CALIFORNIA	15,216,526	208,123,685	25,820,935
COLORADO	10,706,794	110,174,165	20,476,553
KANSAS	286,733	2,753,684	296,834
LOUISIANA	303,054	2,784,396	347,335
MISSISSIPPI	35,481	354,513	44,314
MONTANA	6,230,049	58,866,056	7,167,364
NEBRASKA	79,608	1,441,291	172,537
NEVADA	1,233,681	13,815,501	1,726,938
NEW MEXICO	25,673,891	366,975,026	45,650,543
NORTH DAKOTA	1,777,587	25,366,313	3,566,618
OKLAHOMA	174,649	2,597,140	254,385
SOUTH DAKOTA	139,525	1,980,143	147,518
UTAH	5,168,335	42,233,007	5,278,437
WYOMING	74,774,873	931,465,684	115,812,301
TOTAL	146,418,034	1,809,742,494	231,406,792

PUBLIC LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION	ROYALTY
		VALUE (\$)	VALUE (\$)

	(HCF)		GAS
ALABAMA	4	4	1
ALASKA	78,994,238	32,100,584	4,012,573
ARKANSAS	573,328	789,319	108,052
CALIFORNIA	4,730,559	6,822,855	694,228
COLORADO	59,237,347	58,414,810	6,675,312
KANSAS	11,313,156	9,046,294	1,123,530
LOUISIANA	1,114,522	1,131,686	141,517
MONTANA	11,998,923	12,128,220	1,491,492
NEBRASKA	457,467	505,083	54,151
NEW MEXICO	608,759,658	869,701,039	108,697,160
NORTH DAKOTA	436,406	227,958	25,840
OKLAHOMA	11,090,320	13,769,959	1,556,106
SOUTH DAKOTA	152,019	304,515	38,064
UTAH	22,876,552	23,393,919	2,885,859
WYOMING	220,973,074	286,155,854	35,164,729
TOTAL	1,032,785,573	1,314,492,099	162,648,604

	(GALLONS)		GASOLINE AND LPG
ALABAMA	264	68	11
ALASKA	3,357,733	129,916	16,240
CALIFORNIA	14,861,316	3,539,328	142,541
COLORADO	19,816,221	3,710,614	161,506
LOUISIANA	314,245	551,712	68,954
MONTANA	3,649,554	874,329	30,770
NEBRASKA	938,733	315,910	24,657
NEW MEXICO	107,105,231	22,941,232	1,018,251
NORTH DAKOTA	319,417	57,187	1,995
OKLAHOMA	116,630	24,406	3,051
UTAH	22,342,253	3,545,176	193,552
WYOMING	183,275,242	26,082,883	1,512,754
TOTAL	356,096,839	61,772,761	3,174,282

PUBLIC LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(TONS)	SULFUR	
MONTANA	4,322	72,673	2,727
NEW MEXICO	287,674	106,725	1,588
NORTH DAKOTA	33	67	1
WYOMING	410,055	367,671	12,463
TOTAL	702,084	546,536	16,879
	(MCF)	CO-2	
CALIFORNIA	750	422	23
COLORADO	67,791	133,527	12,440
UTAH	137,767	17,221	2,153
TOTAL	206,308	151,570	14,616
	(BARRELS)	OIL LOST	
MONTANA	155	1,677	115
NEW MEXICO	34	937	117
NORTH DAKOTA	1,277	16,728	1,836
UTAH	52	317	40
WYOMING	10,160	79,216	10,209
TOTAL	11,678	98,875	12,331

PUBLIC LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(MCF)	(GAS LUST)	
ALASKA	(2,644,049)	(663,134)	(43,517)
CALIFORNIA	5,125	6,669	334
COLORADO	32,655	38,151	4,709
MONTANA	31,211	44,573	5,574
NEBRASKA	109,462	197,449	32,708
NEW MEXICO	(36,134)	18,002	2,250
NORTH DAKOTA	122,350	100,319	11,180
SOUTH DAKOTA	222	143	43
UTAH	(712)	(117)	(15)
WYOMING	319,443	(5,366,245)	(670,598)
TOTAL	(2,060,427)	(5,628,990)	(695,972)
TOTAL PUBLIC		3,181,175,345	396,577,532

OUTER CONTINENTAL SHELF
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(BARRELS)	OIL	
CALIFORNIA	10,961,076	78,086,108	13,014,352
LOUISIANA	249,103,243	2,766,895,263	451,278,478
TEXAS	2,131,164	26,586,056	4,435,156
TOTAL	262,275,483	2,873,567,427	468,727,986
	(BARRELS)	CONDENSATE	
LOUISIANA	21,825,673	237,417,026	37,874,355
TEXAS	1,464,382	16,608,588	2,757,935
TOTAL	23,290,055	254,025,614	40,632,290
	(BARRELS)	OIL & CONDENSATE	
CALIFORNIA	10,961,076	78,086,108	13,014,352
LOUISIANA	271,008,916	3,006,312,289	489,102,813
TEXAS	3,595,546	43,194,644	7,202,091
TOTAL	285,565,538	3,127,593,041	509,320,276
	(MCF)	GAS	
CALIFORNIA	2,866,822	1,873,349	313,354
LOUISIANA	4,158,521,710	5,225,483,453	352,694,229
TEXAS	511,590,607	898,140,521	149,095,101
TOTAL	4,672,979,139	6,125,502,323	1,002,697,304
	(GALLONS)	GASOLINE AND LPG	
LOUISIANA	(5,344,052)	(713,908)	(4,022)
TEXAS	424,540	97,075	16,179
TOTAL	(4,919,512)	(616,833)	12,157
	(BARRELS)	OIL LOST	
LOUISIANA	4,076	50,197	8,024
TEXAS	694	17,075	2,846
TOTAL	4,770	67,272	10,870

OUTER CONTINENTAL SHELF
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(MCF)	CAS LOST	
CALIFORNIA	814	228	38
LOUISIANA	20,527,713	20,055,221	3,194,370
TEXAS	367,755	677,057	112,843
TOTAL	20,896,282	20,732,506	3,307,259
TOTAL O.C.S.		9,273,278,309	1,515,347,950

ACQUIRED LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION (BARRELS)	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
ALABAMA	7,326	91,283	11,430
ARKANSAS	639	7,860	1,310
CALIFORNIA	291,215	1,601,995	731,250
COLORADO	7,727	126,989	15,328
FLORIDA	2,083	27,901	3,488
ILLINOIS	83	2,538	423
KANSAS	52,528	491,405	39,715
LOUISIANA	1,584,651	13,195,156	1,248,723
MICHIGAN	88,049	1,259,093	156,020
MISSISSIPPI	907,729	12,134,979	1,549,817
MONTANA	41,101	1,110,305	138,788
NEBRASKA	354	9,164	1,149
NEW MEXICO	2,100	28,664	3,583
NORTH DAKOTA	2,579,196	34,455,730	4,106,520
OHIO	1,411	33,260	4,117
OKLAHOMA	38,682	464,925	55,148
TEXAS	127,758	1,377,630	1,7127
UTAH	49,306	612,369	76,546
WYOMING	119,360	1,994,233	257,272
TOTAL	5,901,298	69,024,829	8,220,562

ACQUIRED LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(MCF)		GAS
ARKANSAS	1,938,445	2,822,390	354,240
CALIFORNIA	2,997,536	5,320,317	2,086,245
COLORADO	333,179	341,479	39,220
KANSAS	1,333,040	816,792	109,376
KENTUCKY	354,543	425,451	47,334
LOUISIANA	4,468,124	5,464,486	573,514
MARYLAND	3,339	4,759	595
MICHIGAN	680,553	995,234	124,487
MISSISSIPPI	215,103	194,407	24,301
MONTANA	2,758,260	4,361,680	545,211
NEW MEXICO	332,321	654,694	11,837
NORTH DAKOTA	635,125	654,592	74,651
OHIO	82,295	58,387	7,296
OKLAHOMA	3,808,056	6,381,828	796,971
TEXAS	1,488,252	2,421,216	109,933
UTAH	22,779	38,028	4,754
WEST VIRGINIA	2,511	1,883	235
WYOMING	1,902,548	904,599	113,075
TOTAL	23,416,009	31,862,222	5,095,569
	(GALLONS)		GASOLINE AND LPG
ALABAMA	506	116	15
COLORADO	29,004	2,186	91
LOUISIANA	3,648	11,744	1,468
NORTH DAKOTA	974,742	112,951	4,210
OKLAHOMA	856	875	109
TEXAS	217,483	69,193	7,665
UTAH	131,598	48,773	2,150
WYOMING	8,011,060	716,056	82,810
TOTAL	9,908,897	961,894	98,716

ACQUIRED LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(TONS)	SULFUR	
NORTH DAKOTA	51	66	4
	(BARRELS)	OIL LOST	
NORTH DAKOTA	736	15,679	1,960
	(MCF)	GAS LOST	
ARKANSAS	(4,756)	(7,006)	(575)
NORTH DAKOTA	97,163	141,208	4,167
TEXAS	1,851	1,066	135
TOTAL	94,258	135,268	5,424
TOTAL ACQUIRED		102,000,058	13,418,357

MILITARY & MISCELLANEOUS LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(BARRELS)		OIL
KENTUCKY	7,091	186,923	28,058
LOUISIANA	234,062	3,771,949	609,833
OKLAHOMA	8,611	149,104	24,351
TEXAS	37,006	292,869	40,575
TOTAL	287,370	4,400,845	711,397
	(MCF)		GAS
ARKANSAS	2,570,639	2,162,230	360,372
LOUISIANA	9,926,088	5,444,600	904,724
NEBRASKA	116	30	6
OKLAHOMA	415,914	549,182	91,536
TEXAS	396,765	97,915	15,882
TOTAL	13,309,522	8,254,045	1,372,514
	(GALLONS)		GASOLINE AND LPG
LOUISIANA	8,296,527	1,698,142	275,794
OKLAHOMA	314,623	64,084	9,573
TEXAS	130,625	35,375	5,609
TOTAL	8,741,775	1,797,601	290,976
TOTAL MIL & MIS		14,452,491	2,374,887

INDIAN LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
(BARRELS)			
ARIZONA	470,174	3,912,432	624,563
COLORADO	53,242	629,381	52,195
MICHIGAN	250	5,027	528
MONTANA	1,164,925	22,049,338	5,239,595
NEW MEXICO	2,263,550	40,087,979	5,557,924
NORTH DAKOTA	93,864	810,868	104,607
OKLAHOMA	3,561,173	57,791,807	7,712,543
SOUTH DAKOTA	13,793	219,490	36,582
UTAH	11,266,465	117,026,560	15,386,522
WYOMING	4,965,684	45,929,195	7,233,801
TOTAL	23,873,120	288,472,077	43,468,472
(MCF)			
ARIZONA	94,553	68,151	8,519
COLORADO	16,288,542	18,900,201	2,394,576
MONTANA	1,106,846	1,209,692	168,479
NEW MEXICO	55,492,219	98,159,540	12,817,762
NORTH DAKOTA	178,449	94,472	11,532
OKLAHOMA	25,480,200	38,198,233	4,991,126
UTAH	8,117,324	9,869,427	1,406,904
WYOMING	11,592,872	11,177,086	1,754,594
TOTAL	118,351,005	176,876,992	23,575,794
(GALLONS)			
COLORADO	(10,816)	5,755	345
MONTANA	615,907	121,740	6,551
NEW MEXICO	70,456	15,661	551
NORTH DAKOTA	45,119	41,508	1,733
OKLAHOMA	525,201	193,871	22,444
UTAH	18,184,287	4,209,298	216,089
WYOMING	(1, 76,719)	(766,240)	(44,519)
TOTAL	18,411,435	3,821,593	285,094
GASOLINE AND LPG			

INDIAN LANDS
CALENDAR YEAR 1979

STATE	PRODUCTION	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
	(TONS)	SULFUR	
NORTH DAKOTA	204	64	7
	(BARRELS)	OIL LOST	
NEW MEXICO	7	86	11
	(MCF)	GAS LOST	
NEW MEXICO	(22,578)	(1,073)	14,625
TOTAL INDIAN		469,169,649	67,254,003
TOTAL ALL LANDS		13,040,075,852	1,955,002,729

OIL AND GAS OPERATIONS

ALL LANDS

ALABAMA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	15,811	51,993	3,120	--	--	--
1959	14,728	44,476	2,780	--	--	--
1960	44,145	131,999	8,237	--	--	--
1961	18,332	54,154	3,385	--	--	--
1962	31,175	85,821	5,364	--	--	--
1963	47,752	127,237	10,315	--	--	--
1964	45,646	121,877	10,752	--	--	--
1965	25,459	67,790	8,473	--	--	--
1966	13,979	50,212	6,277	--	--	--
1967	27,538	78,040	9,755	--	--	--
1968	21,525	61,056	7,632	--	--	--
1969	22,185	65,184	8,159	--	--	--
1970	20,553	63,343	7,914	--	--	--
1971	21,748	72,773	9,096	1,467	94	12
1972	21,449	71,922	8,990	2,272	145	18
1973	17,320	64,584	8,073	--	--	--
1974	18,127	91,737	11,457	--	--	--
1975	10,717	54,615	6,827	--	--	--
1976	13,537	143,887	18,510	3,976	7,503	938
1977	10,567	57,719	7,215	107	215	27
1978	9,757	55,453	6,932	--	--	--
1979	9,964	107,387	13,456	4	4	1
TOTALS	492,015	1,728,259	182,549	7,626	7,961	996

OIL AND GAS OPERATIONS

ALL LANDS

ALABAMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1969	17,501	817	102	--	--	--
1970	11,147	660	78	--	--	--
1971	17,223	1,141	143	--	--	--
1972	11,427	714	89	--	--	--
1973	11,970	1,061	132	--	--	--
1974	3,256	2,158	270	--	--	--
1975	4,959	819	102	--	--	--
1976	5,542	1,321	155	3,813	7,156	894
1977	3,510	1,393	174	--	--	--
1978	5,314	1,554	194	--	--	--
1979	770	184	26	--	--	--
TOTALS	99,734	11,822	1,475	3,813	7,156	894

OIL AND GAS OPERATIONS

ALL LANDS

ALABAMA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(4)ROYALTY
VALUE(1)

1958	15,811	51,993	3,120
1959	14,728	44,475	2,780
1960	44,145	131,999	8,237
1961	18,332	54,154	3,365
1962	31,175	85,821	5,364
1963	47,752	127,237	10,215
1964	45,646	121,677	10,762
1965	25,459	67,790	9,473
1966	18,875	50,212	5,277
1967	27,538	78,040	9,755
1968	21,526	61,055	7,632
1969	39,786	66,001	8,271
1970	31,700	64,003	7,992
1971	40,443	74,028	9,251
1972	35,148	72,761	9,097
1973	29,190	55,645	8,205
1974	26,383	93,895	11,737
1975	15,686	55,434	5,929
1976	32,968	164,867	20,607
1977	14,284	59,327	7,416
1978	16,071	57,007	7,126
1979	10,738	107,575	13,463
TOTALS	603,388	1,755,198	185,214

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALABAMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	14,186	37,807	4,726	--	--	--
1954	14,390	39,683	4,960	--	--	--
1955	9,412	25,083	3,135	--	--	--
1956	5,336	16,982	2,123	--	--	--
1957	9,410	26,666	3,333	--	--	--
1958	7,353	20,856	2,507	--	--	--
1959	7,578	22,266	2,783	--	--	--
1970	7,020	21,637	2,702	--	--	--
1971	7,429	24,858	3,107	501	32	4
1972	7,327	24,568	3,071	776	50	6
1973	5,915	22,061	2,758	--	--	--
1974	5,192	31,336	3,917	--	--	--
1975	3,651	18,656	2,332	--	--	--
1976	10,931	108,524	13,555	3,976	7,503	938
1977	3,773	21,594	2,699	107	215	27
1978	3,402	19,206	2,401	--	--	--
1979	2,638	16,104	2,046	4	4	1
TOTALS	127,504	497,887	62,255	5,364	7,804	976

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALABAMA

<--- GASOLINE AND LPG --->

<----- GAS LOST ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1969	5,012	279	35	--	--	--
1970	3,303	225	27	--	--	--
1971	5,335	390	49	--	--	--
1972	3,303	244	30	--	--	--
1973	4,055	362	45	--	--	--
1974	2,320	737	92	--	--	--
1975	1,597	280	35	--	--	--
1976	2,235	451	56	3,813	7,156	894
1977	1,233	476	59	--	--	--
1978	2,268	320	40	--	--	--
1979	254	68	11	--	--	--
TOTALS	34,130	3,932	479	3,813	7,156	894

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALABAMA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1953	14,186	37,807	4,726
1954	14,890	35,683	4,900
1955	9,412	25,083	3,135
1956	6,386	15,952	2,123
1957	9,410	26,666	3,333
1958	7,353	20,855	2,607
1959	13,590	22,545	2,818
1970	10,628	21,852	2,729
1971	13,815	25,230	3,160
1972	12,006	24,862	3,107
1973	9,971	22,425	2,803
1974	9,012	32,073	4,009
1975	5,358	18,935	2,367
1976	20,955	123,634	15,453
1977	5,112	22,285	2,785
1978	5,670	19,525	2,441
1979	2,906	16,176	2,056
TOTALS	170,861	516,679	64,614

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ALABAMA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	15,811	51,993	3,120	--	--	--
1959	14,728	44,476	2,730	--	--	--
1960	44,145	131,999	3,237	--	--	--
1961	19,332	54,154	3,335	--	--	--
1962	31,175	85,821	5,354	--	--	--
1963	33,555	89,430	5,539	--	--	--
1964	30,755	82,194	5,302	--	--	--
1965	15,047	42,707	5,336	--	--	--
1966	12,493	33,230	4,154	--	--	--
1967	19,128	51,374	6,422	--	--	--
1968	14,173	40,200	5,025	--	--	--
1969	14,507	42,918	5,336	--	--	--
1970	13,533	41,706	5,212	--	--	--
1971	14,319	47,915	5,939	966	62	1
1972	14,122	47,354	5,919	1,490	95	12
1973	11,404	42,523	5,315	--	--	--
1974	11,935	60,401	7,550	--	--	--
1975	7,055	35,959	4,435	--	--	--
1975	7,705	40,363	5,045	--	--	--
1977	5,794	36,125	4,516	--	--	--
1978	5,355	36,247	4,531	--	--	--
1979	7,325	91,263	11,410	--	--	--
TOTALS	364,511	1,230,372	120,594	2,462	157	20

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ALABAMA

<--- GASOLINE AND LPC --->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(%)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(%)
1958	--	--	--	15,611	51,593	3,120
1959	--	--	--	14,728	44,470	2,780
1960	--	--	--	44,145	131,999	8,237
1961	--	--	--	18,332	54,104	3,385
1962	--	--	--	31,175	85,821	5,364
1963	--	--	--	33,566	89,430	5,589
1964	--	--	--	30,756	82,194	5,802
1965	--	--	--	18,047	42,707	5,331
1966	--	--	--	12,495	33,230	4,154
1967	--	--	--	18,128	51,374	6,422
1968	--	--	--	14,173	40,200	5,025
1969	11,559	538	57	26,196	45,450	5,453
1970	7,339	435	51	20,872	42,141	5,203
1971	11,343	751	34	25,628	48,700	5,091
1972	7,524	470	59	23,142	47,513	5,990
1973	7,315	699	37	19,219	43,222	5,402
1974	5,435	1,421	170	17,371	51,822	7,728
1975	3,272	539	57	10,328	36,498	4,562
1976	4,307	870	109	12,013	41,233	5,154
1977	2,377	917	115	9,171	37,042	4,631
1978	4,045	1,234	154	10,401	37,481	4,685
1979	506	116	15	7,832	91,399	11,425
TOTALS	65,554	7,990	996	432,527	1,238,519	121,600

OIL AND GAS OPERATIONS

ALL LANDS

ALASKA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	208,762	331,158	16,558	--	--	--
1960	559,156	1,296,320	109,150	12,960	3,668	356
1961	6,303,129	17,517,786	1,802,071	261,300	77,099	6,420
1962	10,260,048	31,223,294	3,280,574	1,330,007	442,575	33,069
1963	10,735,895	32,870,352	3,476,113	5,985,140	1,496,060	102,825
1964	11,052,909	33,980,026	3,609,980	929,044	232,334	37,468
1965	11,099,337	33,983,775	3,545,017	4,235,553	1,019,115	67,810
1966	11,708,994	35,837,885	3,738,429	22,755,799	4,155,109	353,822
1967	12,983,353	40,311,307	4,435,036	20,940,762	5,007,278	405,041
1968	13,621,142	41,719,338	5,215,077	33,238,536	5,186,027	528,422
1969	13,150,975	40,362,463	5,045,276	43,750,751	7,575,259	704,772
1970	12,410,024	38,379,122	4,859,801	59,473,532	10,099,667	1,288,877
1971	11,465,779	38,357,831	4,857,229	52,580,012	9,021,764	1,128,774
1972	8,893,708	30,021,254	3,752,557	56,284,763	9,876,729	1,234,591
1973	10,481,034	41,144,666	5,143,034	52,648,584	9,511,766	1,159,971
1974	10,139,915	51,922,889	7,740,352	50,936,041	10,170,433	1,309,547
1975	9,073,072	49,091,921	6,135,490	58,009,581	16,077,934	2,009,742
1976	7,893,521	41,792,966	5,224,122	60,583,927	19,206,349	2,401,045
1977	5,257,219	33,525,710	4,190,715	63,700,613	20,636,439	2,579,555
1978	5,110,714	27,545,543	3,443,194	80,204,009	28,745,333	3,593,319
1979	4,554,610	28,795,786	3,599,474	78,994,238	32,100,554	4,012,573
TOTALS	187,975,957	701,012,392	63,220,549	753,055,537	191,349,774	23,027,975

OIL AND GAS OPERATIONS

ALL LANDS

ALASKA

CALENDAR YEAR	<--- GASOLINE AND LFG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	182,510	16,518	686	--	--	--
1969	2,929,705	233,739	12,234	--	--	--
1970	2,631,741	84,569	10,578	--	--	--
1971	3,223,141	131,251	16,406	--	--	--
1972	509,300	29,648	3,638	--	--	--
1973	4,642,375	333,470	42,449	--	--	--
1974	4,030,598	525,248	82,099	--	--	--
1975	3,753,790	295,380	36,937	--	--	--
1976	3,784,527	65,233	8,154	--	--	--
1977	3,591,740	105,592	13,139	--	--	--
1978	2,735,316	99,055	12,382	908	4,595	574
1979	3,357,733	129,916	16,240	--	--	--
TOTALS	35,379,475	2,150,619	255,053	908	4,595	574

OIL AND GAS OPERATIONS

ALL LANDS

ALASKA

CALENDAR YEAR	<----- G A S L O S T ----->			<- T O T A L A L L P R O D U C T S ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	--	--	--	203,762	331,156	15,558
1960	--	--	--	572,116	1,300,188	109,506
1961	--	--	--	6,564,437	17,594,883	1,808,499
1962	--	--	--	11,590,055	31,565,869	3,313,583
1963	--	--	--	16,722,041	34,265,412	3,570,538
1964	--	--	--	11,982,253	34,212,565	3,647,468
1965	--	--	--	15,335,440	35,002,890	3,632,635
1966	--	--	--	34,464,793	39,995,994	4,092,251
1967	--	--	--	39,924,126	45,219,105	4,611,127
1968	--	--	--	47,042,188	47,619,383	5,744,187
1969	--	--	--	59,831,432	48,172,461	5,762,282
1970	--	--	--	74,515,297	49,063,358	6,159,346
1971	--	--	--	67,274,932	40,015,845	5,002,409
1972	--	--	--	65,693,271	39,927,631	4,990,936
1973	--	--	--	67,972,493	50,989,504	6,374,504
1974	--	--	--	65,106,554	72,719,600	9,132,606
1975	1,953,334	470,573	58,322	72,795,277	65,935,808	8,241,991
1976	553,070	132,871	15,509	72,830,145	61,199,419	7,649,920
1977	335,529	76,600	9,575	73,885,271	54,344,341	6,793,643
1978	159,573	42,764	5,346	88,221,620	50,437,290	7,054,815
1979	(2,644,049)	(668,134)	(83,517)	84,262,532	60,358,152	7,544,770
TOTALS	383,157	54,674	6,335	976,795,035	894,572,054	106,510,986

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	208,752	331,158	15,558	--	--	--
1960	559,155	1,295,320	109,150	12,960	3,868	356
1961	6,303,129	17,517,786	1,802,071	261,301	77,099	8,428
1962	10,260,048	31,223,294	3,280,574	1,330,007	442,575	33,009
1963	10,735,895	32,870,352	3,476,113	5,985,146	1,455,050	102,825
1964	11,052,909	33,980,026	3,609,980	929,344	252,554	37,480
1965	11,099,887	33,983,775	3,545,017	4,235,553	1,019,115	87,818
1966	11,703,994	35,337,885	3,738,429	22,755,799	4,155,109	253,822
1967	12,983,353	40,311,807	4,435,086	26,940,763	5,007,298	425,041
1968	13,621,142	41,719,338	5,215,077	33,181,169	5,874,537	527,027
1969	13,150,975	40,362,463	5,045,276	43,016,250	7,555,836	701,535
1970	12,410,024	36,379,122	4,859,891	59,465,252	10,058,485	1,268,650
1971	11,465,779	38,357,831	4,857,229	52,502,598	9,015,490	1,127,062
1972	8,893,708	30,021,254	3,752,557	56,284,703	9,575,729	1,234,591
1973	10,481,034	41,144,666	5,143,034	52,841,564	9,511,766	1,188,971
1974	10,139,915	51,922,869	7,740,352	50,936,041	10,170,453	1,309,547
1975	9,073,072	49,091,921	6,136,490	58,009,581	16,077,934	2,009,742
1976	7,893,621	41,792,966	5,224,122	60,583,927	19,208,349	2,401,045
1977	5,257,219	33,525,710	4,190,715	63,700,683	20,636,439	2,579,555
1978	5,110,714	27,545,543	3,443,134	80,204,009	28,745,333	3,593,219
1979	4,554,610	28,795,786	3,599,474	78,994,238	32,100,534	4,012,573
TOTALS	187,975,957	701,012,392	83,220,549	752,777,981	191,310,505	23,021,424

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

<--- GASOLINE AND LPG --->

<----- OIL LOSS ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	182,510	16,510	638	--	--	--
1969	2,929,705	233,739	12,234	--	--	--
1970	2,631,741	84,569	10,578	--	--	--
1971	3,229,141	131,251	16,406	--	--	--
1972	509,300	29,648	3,538	--	--	--
1973	4,642,975	333,470	42,449	--	--	--
1974	4,030,598	526,246	82,099	--	--	--
1975	3,753,790	295,380	36,937	--	--	--
1976	3,784,527	65,233	8,154	--	--	--
1977	3,591,740	105,592	13,190	--	--	--
1978	2,736,316	99,055	12,332	908	4,545	574
1979	3,357,733	129,916	16,240	--	--	--
TOTALS	35,379,476	2,150,619	255,053	908	4,545	574

OIL AND GAS OPERATIONS

PUBLIC LANDS

ALASKA

CALENDAR YEAR	<----- G A S L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	--	--	--	208,762	331,158	10,558
1960	--	--	--	572,116	1,300,188	109,500
1961	--	--	--	6,564,437	17,594,885	1,808,499
1962	--	--	--	11,590,055	31,565,869	3,312,583
1963	--	--	--	16,722,041	34,366,412	3,575,938
1964	--	--	--	11,982,253	34,212,360	3,647,468
1965	--	--	--	15,335,440	35,002,890	3,632,835
1966	--	--	--	34,404,793	39,995,994	4,092,251
1967	--	--	--	39,924,126	45,319,105	4,861,127
1968	--	--	--	46,984,821	47,510,993	5,742,792
1969	--	--	--	59,696,937	48,153,038	5,759,045
1970	--	--	--	74,507,017	49,062,176	6,159,149
1971	--	--	--	67,197,518	48,005,972	6,000,697
1972	--	--	--	65,693,271	39,927,631	4,990,936
1973	--	--	--	67,972,492	50,989,904	5,374,504
1974	--	--	--	65,106,554	72,719,600	9,132,008
1975	1,953,334	470,573	59,322	72,795,277	65,935,605	8,241,991
1976	563,070	132,871	16,609	72,830,145	61,159,419	7,649,930
1977	335,529	76,600	9,575	73,885,271	54,344,341	6,793,043
1978	169,573	42,764	5,346	88,221,620	56,437,290	7,054,815
1979	(2,644,049)	(668,134)	(93,517)	84,262,532	60,358,152	7,544,770
TOTALS	383,157	54,674	6,835	976,517,479	894,532,785	106,504,445

OIL AND GAS OPERATIONS

INDIAN LANDS

ALASKA

<----- G A S ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	57,357	8,390	1,395	57,357	8,390	1,395
1969	134,495	19,423	3,237	134,495	19,423	3,237
1970	3,280	1,132	197	3,280	1,132	197
1971	77,414	10,274	1,712	77,414	10,274	1,712
1972-79	--	--	--	--	--	--
TOTALS	277,556	39,269	5,541	277,556	39,269	5,541

OIL AND GAS OPERATIONS

ALL LANDS

ARIZONA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(1)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(1)
1954	--	--	--	4,856	436	67
1955	420	1,191	149	26,258	2,626	326
1956	258	742	93	6,066	607	76
1957	17	48	6	--	--	--
1958	--	--	--	548	110	14
1959	37,074	95,407	14,417	--	--	--
1960	72,573	177,610	29,420	--	--	--
1961	75,045	184,524	29,744	--	--	--
1962	47,319	119,296	19,654	193,199	26,871	6,636
1963	63,959	170,268	27,452	146,040	25,542	5,778
1964	54,465	159,217	25,774	293,782	37,326	7,761
1965	100,553	246,548	35,641	3,727,604	527,758	84,772
1966	131,417	325,386	45,899	1,710,598	270,520	38,465
1967	2,855,541	7,481,544	1,241,338	1,125,774	169,370	24,945
1968	3,422,277	9,178,537	1,524,136	1,394,265	209,455	28,156
1969	2,057,531	5,904,521	977,391	1,219,301	200,023	25,712
1970	1,907,001	6,324,124	1,041,576	1,182,161	215,705	27,791
1971	1,463,943	4,753,554	782,555	913,085	167,504	21,593
1972	993,073	3,298,106	539,526	523,835	100,950	13,254
1973	807,059	3,066,696	504,104	198,643	37,811	5,162
1974	738,321	3,993,170	657,663	22,719	4,504	793
1975	631,723	3,519,581	569,243	604	145	87
1976	521,470	2,967,740	459,217	29,676	13,458	1,689
1977	430,243	2,358,735	363,639	33,533	15,997	2,000
1978	418,132	2,559,521	400,158	37,669	85,743	10,849
1979	470,174	3,912,432	624,553	94,553	68,151	8,519
TOTALS	17,325,218	60,693,800	9,913,536	12,564,789	2,279,730	316,411

OIL AND GAS OPERATIONS

ALL LANDS

ARIZONA

< TOTAL ALL PRODUCTS >

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE (\$)ROYALTY
VALUE (\$)

1954	4,856	466	61
1955	26,678	3,817	477
1956	6,324	1,349	169
1957	17	48	6
1958	548	110	14
1959	37,074	95,407	14,417
1960	72,573	177,610	29,420
1961	75,045	184,624	29,744
1962	231,018	146,157	25,290
1963	215,009	193,510	34,240
1964	348,247	195,543	33,535
1965	3,828,267	374,286	120,563
1966	1,842,015	595,906	84,364
1967	3,981,315	7,551,014	1,266,323
1968	4,516,542	9,368,020	1,552,292
1969	3,276,032	6,104,544	1,004,103
1970	3,089,162	6,539,329	1,069,367
1971	2,382,028	4,921,058	804,158
1972	1,521,908	3,399,068	552,880
1973	1,005,712	3,104,507	509,286
1974	761,040	3,597,674	658,456
1975	632,327	3,519,726	569,320
1976	551,146	2,581,195	460,506
1977	463,776	2,574,732	365,689
1978	455,821	2,546,414	411,017
1979	564,727	3,966,585	633,062
TOTALS	29,690,007	62,976,550	10,229,999

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARIZONA

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1962	10,329	6,900	4,140	10,329	6,900	4,140
1963	10,912	8,063	4,843	10,912	8,063	4,843
1964	9,593	6,511	3,909	9,593	6,511	3,909
1965	20,574	13,167	7,900	20,574	13,167	7,900
1966	15,154	9,790	5,874	15,164	9,790	5,874
1967	19,077	7,945	4,757	19,077	7,945	4,757
1968	7,571	2,644	1,586	7,671	2,644	1,586
1969	5,540	1,496	898	5,640	1,496	898
1970	7,733	1,742	1,046	7,793	1,742	1,046
1971	5,745	1,379	827	5,745	1,379	827
1972	5,557	1,334	801	5,557	1,334	801
1973	3,994	959	575	3,994	959	575
1974	2,015	464	290	2,015	464	290
1975	504	145	87	604	145	87
1976	54	13	8	54	13	8
1977-79	--	--	--	--	--	--
TOTALS	124,322	62,572	37,551	124,822	62,572	37,551

OIL AND GAS OPERATIONS

INDIAN LANDS

ARIZONA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	--	--	--	4,856	486	61
1955	420	1,191	149	26,258	2,625	328
1956	258	742	93	6,066	607	76
1957	17	48	6	--	--	--
1958	--	--	--	548	110	14
1959	37,074	95,407	14,417	--	--	--
1960	72,573	177,510	29,420	--	--	--
1961	75,045	184,524	29,744	--	--	--
1962	47,819	119,296	19,654	172,870	19,971	2,498
1963	68,959	170,268	27,452	135,128	15,479	1,935
1964	64,455	159,217	25,774	274,085	30,815	3,852
1965	100,553	246,548	35,541	3,707,030	514,571	76,822
1966	131,417	325,386	45,379	1,695,434	200,730	22,591
1967	2,855,541	7,481,544	1,241,388	1,106,897	161,425	20,175
1968	3,422,277	9,178,537	1,524,136	1,086,594	200,839	25,570
1969	2,057,531	5,904,521	977,391	1,213,601	198,527	25,814
1970	1,907,001	5,324,124	1,041,575	1,174,368	213,953	26,745
1971	1,453,943	4,753,554	782,555	907,340	166,125	20,766
1972	993,073	3,298,108	539,626	513,278	99,625	12,453
1973	807,059	3,066,696	504,104	194,649	38,652	4,607
1974	738,321	3,993,170	657,553	20,704	4,020	503
1975	631,723	3,519,581	569,243	--	--	--
1976	521,470	2,367,740	459,217	29,622	13,445	1,681
1977	430,243	2,358,735	363,689	33,533	15,997	2,000
1978	418,132	2,559,621	400,158	37,689	86,793	10,849
1979	470,174	3,912,432	524,553	94,553	65,151	8,519
TOTALS	17,325,218	60,698,800	9,913,588	12,439,967	2,217,158	275,860

OIL AND GAS OPERATIONS

INDIAN LANDS

ARIZONA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(¢)	ROYALTY VALUE(\$)
1954	4,556	486	61
1955	26,678	3,817	477
1956	6,324	1,549	169
1957	17	49	6
1958	548	110	14
1959	37,074	95,437	14,417
1960	72,573	177,810	29,420
1961	75,045	184,624	29,744
1962	220,669	139,257	22,150
1963	204,097	185,747	29,397
1964	338,554	190,632	29,626
1965	3,807,693	351,119	112,463
1966	1,826,851	386,116	76,490
1967	3,962,238	7,543,069	1,261,566
1968	4,508,871	9,215,376	1,550,706
1969	3,271,192	6,165,048	1,003,205
1970	3,681,369	6,535,037	1,068,321
1971	2,376,262	4,919,679	803,331
1972	1,516,351	2,397,734	552,079
1973	1,001,718	3,103,548	508,711
1974	759,025	3,997,190	658,166
1975	631,723	3,519,581	569,243
1976	551,092	2,361,135	460,896
1977	463,776	2,374,732	365,689
1978	455,821	2,546,414	411,017
1979	564,727	3,580,553	633,082
TOTALS	29,765,185	62,915,958	10,192,448

OIL AND GAS OPERATIONS

ALL LANDS

ARKANSAS

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	--	--	--	--	--	132
1957	--	--	--	--	--	593
1958	--	--	--	--	--	788
1959	--	--	--	8,532	5,479	685
1960	--	--	--	56,502	14,045	1,600
1961	3,421	18,304	2,289	682,603	105,530	9,185
1962	5,500	14,190	1,774	675,902	107,037	9,574
1963	3,956	8,507	1,063	228,562	41,900	5,064
1964	2,734	5,878	735	397,971	54,495	9,386
1965	--	--	--	590,425	59,153	14,231
1966	5,436	12,366	1,926	407,727	50,252	11,330
1967	5,339	14,916	2,419	391,133	67,486	9,767
1968	4,512	10,712	1,699	280,627	48,269	7,025
1969	2,352	7,064	1,178	810,373	125,631	19,311
1970	2,185	5,474	912	605,245	94,543	13,814
1971	1,150	3,218	536	1,609,712	202,958	45,106
1972	722	2,025	337	2,017,535	368,669	59,729
1973	514	1,793	299	1,924,523	377,203	61,234
1974	455	4,417	736	1,376,795	312,402	50,014
1975	498	5,740	888	2,892,840	1,259,267	183,846
1976	--	--	--	6,091,334	3,295,921	485,151
1977	--	--	--	6,117,019	4,957,439	702,129
1978	500	4,797	799	5,973,798	6,101,521	803,801
1979	539	7,860	1,310	5,082,412	5,773,959	822,644
TOTALS	47,534	127,261	18,902	38,225,971	23,739,257	3,388,949

OIL AND GAS OPERATIONS

ALL LANDS

ARKANSAS

<--- GASOLINE AND LFC --->

<----- GAS LOST ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1967	304	16	2	--	--	--
1968	562	130	17	--	--	--
1969-70	--	--	--	--	--	--
1971	3,058	540	68	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	25,585	14,067	1,124
1975	--	--	--	32,225	21,486	2,685
1977	--	--	--	1,380	1,108	138
1978	--	--	--	54,311	74,317	9,219
1979	--	--	--	(4,756)	(7,006)	(876)
TOTALS	4,024	686	87	108,745	103,972	13,060

OIL AND GAS OPERATIONS

ALL LANDS

ARKANSAS

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

1956	0	0	132
1957	0	0	393
1958	0	0	788
1959	8,532	5,479	685
1960	56,502	14,045	1,600
1961	691,024	123,654	11,474
1962	680,502	121,227	11,340
1963	232,918	50,407	7,127
1964	400,705	70,371	10,121
1965	596,425	99,152	14,231
1966	413,162	102,648	13,258
1967	397,776	82,398	11,188
1968	285,301	59,111	8,751
1969	813,235	135,745	20,489
1970	607,430	100,017	14,726
1971	1,613,931	285,716	45,710
1972	2,018,257	370,694	60,066
1973	1,925,037	378,996	61,532
1974	1,377,251	310,619	50,750
1975	2,918,923	1,319,074	186,558
1976	6,123,559	3,420,407	490,836
1977	6,118,399	4,958,597	702,267
1978	6,028,709	6,160,635	873,889
1979	5,078,295	5,774,793	823,073
TOTALS	38,386,374	23,971,176	3,420,598

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARKANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	--	--	--	--	--	122
1957	--	--	--	--	--	393
1959	--	--	--	--	--	788
1959	--	--	--	--	--	649
1960	--	--	--	6,730	5,190	649
1961	3,421	18,304	2,289	24,816	6,992	1,124
1962	5,500	14,190	1,774	61,786	7,840	980
1963	3,956	8,507	1,053	42,005	7,414	927
1964	2,734	5,878	735	58,441	10,331	1,291
1965	--	--	--	30,216	5,235	697
1965	1,443	3,246	408	62,412	9,902	1,238
1967	701	1,514	202	48,491	8,125	1,017
1968	382	2,073	239	80,619	13,031	1,629
1969	--	--	--	54,129	8,652	1,119
1970	--	--	--	67,332	10,053	1,258
1971	--	--	--	80,647	9,615	1,202
1972	--	--	--	67,691	9,987	1,249
1973	--	--	--	52,869	3,375	1,047
1974	--	--	--	51,297	11,245	1,591
1975	145	1,646	206	41,749	12,071	1,510
1975	--	--	--	758,993	445,084	62,822
1976	--	--	--	576,949	392,153	49,020
1977	--	--	--	423,864	463,279	57,910
1978	--	--	--	673,360	1,059,753	132,484
1979	--	--	--	573,326	769,319	108,032
TOTALS	24,333	55,458	6,936	3,847,726	3,297,108	430,109

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARKANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	70	13	2	--	--	--
1969-74	--	--	--	--	--	--
1975	--	--	--	3,024	1,795	234
1976	--	--	--	18,476	11,451	1,431
1977	--	--	--	664	528	66
1978	--	--	--	1,107	1,641	205
1979	--	--	--	--	--	--
TOTALS	70	13	2	23,271	15,419	1,936

OIL AND GAS OPERATIONS

PUBLIC LANDS

ARKANSAS

< TOTAL ALL PRODUCTS >

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE (\$)ROYALTY
VALUE (\$)

1956

0

0

132

1957

0

0

393

1958

0

0

788

1959

6,730

5,190

645

1960

24,318

8,992

1,124

1961

70,207

26,144

3,269

1962

48,605

21,604

2,701

1963

52,397

18,838

2,354

1964

32,950

11,114

1,432

1965

62,412

9,902

1,238

1966

49,934

11,371

1,425

1967

81,320

14,645

1,831

1968

55,081

11,036

1,360

1969

67,332

10,063

1,258

1970

50,647

9,813

1,202

1971

67,591

9,987

1,249

1972

52,869

9,375

1,047

1973

51,297

11,343

1,591

1974

41,749

12,071

1,510

1975

772,163

449,528

63,262

1976

595,425

403,609

50,451

1977

424,528

463,807

57,976

1978

674,467

1,061,454

132,689

1979

573,328

789,319

108,032

TOTALS

3,895,950

3,367,997

439,983

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ARKANSAS

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	--	--	--	1,602	289	36
1960	--	--	--	31,684	5,053	476
1961	--	--	--	620,817	97,690	1,205
1962	--	--	--	631,897	99,623	2,647
1963	--	--	--	170,521	31,559	4,773
1964	--	--	--	367,755	59,257	8,689
1965	--	--	--	534,012	89,251	12,993
1966	3,993	9,120	1,520	359,236	82,157	10,313
1967	5,538	13,302	2,217	310,514	54,435	5,604
1968	3,530	8,639	1,440	226,498	29,317	4,915
1969	2,362	7,064	1,178	229,713	41,201	5,150
1970	2,135	5,474	912	215,608	37,002	4,625
1971	1,160	3,218	535	223,086	40,507	5,113
1972	722	2,025	337	183,320	33,444	4,207
1973	514	1,793	299	173,006	31,995	4,000
1974	455	4,417	735	145,388	37,225	4,653
1975	352	4,094	582	1,026,305	584,156	75,186
1976	--	--	--	2,127,387	1,491,906	186,655
1977	--	--	--	2,248,642	2,575,110	321,370
1978	500	4,797	799	1,731,077	2,522,374	328,091
1979	539	7,360	1,310	1,938,445	2,522,390	354,240
TOTALS	22,751	71,803	11,956	13,498,014	10,875,962	1,360,141

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ARKANSAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LUST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1967	304	16	2	--	--	--
1968	592	117	15	--	--	--
1969-70	--	--	--	--	--	--
1971	3,058	540	98	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	22,561	12,269	1,590
1976	--	--	--	13,749	10,035	1,254
1977	--	--	--	716	550	72
1978	--	--	--	53,204	72,675	9,084
1979	--	--	--	(4,756)	(7,005)	(876)
TOTALS	3,954	673	85	85,474	86,554	11,124

OIL AND GAS OPERATIONS

ACQUIRED LANDS

ARKANSAS

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE (\$)ROYALTY
VALUE (\$)

1959	1,602	269	30
1960	31,684	9,053	476
1961	620,317	97,690	5,205
1962	631,397	99,623	5,647
1963	170,521	31,559	4,773
1964	367,755	59,257	8,069
1965	534,013	89,251	12,953
1966	353,229	91,277	11,133
1967	316,456	67,753	9,023
1968	230,720	45,073	6,370
1969	232,575	45,255	6,328
1970	217,793	42,476	5,557
1971	227,304	44,255	5,717
1972	184,542	35,459	4,544
1973	173,520	35,758	4,299
1974	145,644	41,643	5,389
1975	1,049,218	500,519	78,413
1976	2,141,136	1,501,941	187,909
1977	2,249,358	2,575,690	321,442
1978	1,785,681	2,659,847	237,574
1979	1,934,328	2,823,244	354,674
TOTALS	13,610,193	11,039,992	1,383,316

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

ARKANSAS

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1957	--	--	334	--	--	334
1958	--	--	1,001	--	--	1,001
1969	513,326	77,417	12,903	513,326	77,417	12,903
1970	308,990	47,923	7,987	308,990	47,923	7,987
1971	1,313,936	232,464	38,744	1,313,936	232,464	38,744
1972	1,780,846	326,850	54,475	1,780,846	326,850	54,475
1973	1,700,220	333,860	55,643	1,700,220	333,860	55,643
1974	1,189,658	263,105	43,851	1,189,658	263,105	43,851
1975	1,097,542	269,027	44,838	1,097,542	269,027	44,838
1976	3,386,998	1,514,857	252,476	3,386,998	1,514,857	252,476
1977	3,444,513	1,916,100	322,849	3,444,513	1,916,100	322,849
1978	3,568,561	2,419,354	403,226	3,568,561	2,419,354	403,226
1979	2,570,639	2,162,230	360,372	2,570,639	2,162,230	360,372
TOTALS	20,880,231	9,563,187	1,598,699	20,880,231	9,563,187	1,598,699

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	633,050,922	894,307,102	117,367,436	937,103,916	74,761,507	12,443,953
1953	28,414,930	70,954,150	8,378,502	32,163,905	4,543,534	869,927
1954	27,867,308	71,793,722	8,460,801	27,551,312	3,555,008	769,879
1955	25,817,494	68,382,187	8,250,337	23,228,453	2,887,147	605,521
1956	25,783,334	66,369,596	8,043,890	19,797,268	2,497,144	726,535
1957	24,667,372	69,989,038	8,676,625	19,179,891	2,649,927	827,296
1958	23,119,530	69,799,293	7,803,850	18,451,400	3,344,734	759,460
1959	23,544,531	65,841,209	7,710,077	19,755,910	5,174,596	847,558
1960	23,205,822	61,527,150	7,245,191	19,897,671	5,500,623	931,851
1961	22,083,995	58,543,850	6,805,131	23,447,524	6,746,002	1,143,229
1962	20,634,294	55,008,788	6,365,051	20,682,224	6,509,055	1,055,740
1963	21,411,232	57,292,171	6,698,592	29,724,240	9,305,202	1,258,005
1964	21,078,590	55,516,772	6,509,731	34,305,196	10,277,123	1,385,391
1965	21,481,554	55,097,759	6,451,332	35,304,068	10,775,259	1,466,462
1966	23,222,503	56,935,301	6,734,598	35,635,079	10,551,150	1,540,432
1967	25,285,357	59,549,652	7,032,278	33,745,862	10,225,516	1,412,996
1968	27,615,987	63,935,962	7,834,346	35,953,585	10,799,379	1,596,681
1969	35,053,392	88,706,084	11,923,535	32,522,624	9,587,956	1,363,417
1970	50,431,555	134,186,685	19,516,600	42,101,152	12,559,142	1,979,613
1971	54,825,924	160,564,947	23,885,446	41,497,251	12,709,925	1,914,772
1972	44,317,546	125,323,222	18,413,432	32,088,534	10,434,452	1,553,815
1973	39,323,724	125,019,765	17,955,237	25,458,264	8,546,398	1,340,974
1974	36,535,059	190,449,646	26,455,017	21,391,854	6,802,649	1,200,803
1975	35,053,825	189,450,580	25,649,540	20,632,788	11,156,980	1,577,113
1976	32,725,371	190,540,548	25,907,034	14,793,996	9,912,011	1,495,891
1977	30,312,055	183,580,226	24,963,113	10,497,202	6,261,620	1,561,202
1978	29,652,556	200,413,411	27,771,105	22,323,554	15,753,851	4,829,902
1979	26,463,317	287,311,788	39,066,523	10,602,917	14,021,521	3,093,531
TOTALS	1,431,008,550	3,779,200,604	497,980,423	1,639,842,658	303,040,802	51,822,047

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

<--- GASOLINE AND LIG --->

<----- OIL ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,642,883,817	110,573,186	5,575,188	--	--	--
1953	89,275,074	6,513,714	520,427	--	--	--
1954	85,923,540	6,069,599	494,129	--	--	--
1955	83,713,432	5,767,243	449,256	--	--	--
1956	84,913,373	5,952,352	458,792	--	--	--
1957	82,613,094	5,347,116	427,247	--	--	--
1958	81,260,325	5,385,886	338,955	--	--	--
1959	81,861,393	5,364,160	327,854	1,572	505	24
1960	80,103,148	5,526,204	308,571	34,752	11,184	553
1961	78,864,528	5,295,880	332,956	55,140	17,755	900
1962	73,767,402	4,951,492	292,029	34,534	15,227	1,411
1963	50,957,220	3,241,935	207,220	117,462	34,735	2,210
1964	43,849,311	3,250,380	193,034	124,608	31,621	2,362
1965	44,953,907	2,952,192	177,750	119,141	30,361	1,975
1966	67,197,555	4,445,831	238,415	130,788	41,117	2,235
1967	70,449,343	4,580,967	260,047	137,466	44,258	2,239
1968	69,255,430	4,519,631	250,070	36,768	10,444	485
1969	61,575,429	4,010,925	209,446	52,299	15,054	805
1970	54,575,175	3,594,219	135,209	49,820	13,517	798
1971	51,102,541	3,452,000	191,531	49,345	14,680	852
1972	44,035,949	3,034,806	168,177	32,444	5,264	531
1973	40,351,922	3,152,330	175,152	63,167	14,626	889
1974	35,255,927	3,968,158	241,153	85,595	25,554	1,731
1975	35,860,137	4,137,135	222,954	74,407	19,520	1,233
1976	27,933,141	3,521,569	192,728	41,007	13,166	825
1977	19,002,747	2,922,346	138,455	680	222	11
1978	17,293,599	2,732,579	116,596	631	367	20
1979	14,861,316	3,539,328	142,541	750	422	23
TOTALS	3,219,824,990	229,423,563	12,825,933	1,292,377	392,651	22,110

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

<----- O I L L O S T ----->

<----- G A S L O S T ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	4,464	2,340	292
1975	--	--	--	21,240	12,132	1,550
1976	--	--	--	32,458	25,015	3,271
1977	225	1,532	204	18,840	21,926	2,791
1978	375	10,682	1,335	15,030	12,528	1,618
1979	--	--	--	5,935	6,637	872
TOTALS	1,200	12,314	1,539	98,571	62,239	10,294

OIL AND GAS OPERATIONS

ALL LANDS

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,213,038,655	1,080,141,795	135,385,627
1953	149,854,909	82,021,698	9,765,956
1954	141,347,760	81,399,429	9,721,809
1955	133,759,379	77,526,577	9,505,114
1956	130,498,973	74,819,092	9,234,218
1957	126,465,357	78,486,081	9,931,266
1958	122,831,805	79,529,953	8,902,275
1959	125,163,971	76,900,470	8,865,491
1960	123,241,393	72,665,151	8,485,166
1961	124,456,288	70,503,485	8,282,276
1962	115,168,454	66,595,560	7,714,231
1963	102,210,204	69,874,043	8,166,127
1964	104,357,795	69,081,100	8,193,568
1965	101,868,801	68,863,581	8,093,050
1966	126,185,935	72,274,409	8,565,680
1967	129,618,528	74,500,393	8,707,560
1968	132,867,820	79,265,656	9,681,582
1969	129,310,744	102,320,031	13,497,355
1970	147,157,712	150,383,953	21,682,220
1971	147,475,161	176,921,552	25,992,603
1972	120,474,573	139,801,754	20,136,005
1973	105,207,077	136,533,320	19,472,312
1974	94,274,909	203,251,357	27,898,996
1975	91,647,447	204,776,747	27,452,400
1976	75,525,973	204,113,310	27,589,757
1977	59,831,749	194,887,972	26,685,764
1978	69,287,245	218,923,918	32,720,576
1979	51,939,739	305,379,956	42,303,490
TOTALS	6,295,069,356	4,312,152,373	562,662,496

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	470,825,445	707,389,515	79,622,839	754,722,948	53,711,923	8,345,329
1953	25,061,531	54,007,019	7,462,019	27,846,816	2,562,018	518,671
1954	25,659,110	65,133,520	7,585,305	23,678,648	2,584,159	481,027
1955	24,561,346	61,998,020	7,343,346	18,402,305	2,041,007	402,188
1956	23,317,360	53,343,340	7,053,774	14,675,097	1,615,200	321,532
1957	22,269,693	61,388,813	7,616,725	13,676,203	1,580,222	253,942
1958	20,682,314	61,311,000	6,755,942	12,494,875	2,335,410	340,259
1959	19,041,501	51,778,330	5,705,972	12,820,858	3,354,843	389,833
1960	18,434,520	47,406,404	5,252,530	12,668,351	3,528,470	406,833
1961	17,823,527	45,971,708	5,061,485	14,733,336	4,104,806	493,113
1962	15,764,907	43,501,131	4,765,504	12,104,330	3,597,715	431,893
1963	17,600,589	45,079,202	5,110,133	21,166,897	6,493,754	664,311
1964	17,524,051	45,117,964	5,142,152	26,172,920	7,820,493	838,045
1965	17,931,046	44,758,783	4,983,238	26,652,919	8,128,036	864,913
1966	19,523,351	46,588,554	5,271,591	26,189,398	7,865,007	897,989
1967	20,964,216	47,788,516	5,451,416	24,591,912	7,395,230	842,530
1968	21,282,712	47,279,818	5,450,523	24,246,723	7,240,353	809,435
1969	21,223,223	49,548,853	5,746,347	18,803,899	5,509,694	609,880
1970	21,589,546	50,219,295	5,846,185	17,976,524	5,502,886	590,320
1971	20,202,149	50,776,009	5,884,918	16,420,190	5,344,568	551,601
1972	18,721,939	46,384,755	5,392,702	13,635,338	4,774,729	475,543
1973	17,716,325	51,827,963	6,088,562	10,320,239	3,604,513	360,483
1974	17,234,552	99,732,470	11,857,641	9,318,103	4,304,511	405,176
1975	17,972,545	113,403,758	13,610,957	10,994,437	6,470,203	703,872
1976	17,529,035	113,785,467	13,734,039	7,496,047	5,835,372	608,945
1977	17,652,775	123,226,469	14,960,283	5,184,669	5,445,545	543,591
1978	17,218,125	128,795,121	15,712,501	4,533,591	5,803,788	561,732
1979	15,215,526	203,123,685	25,820,935	4,738,559	6,822,655	694,228
TOTALS	1,002,549,294	2,583,765,482	300,289,824	1,186,469,141	185,766,000	23,528,674

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

<--- GASOLINE AND LPG --->

<----- COAL ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,245,945,006	75,251,105	3,753,461	--	--	--
1953	77,727,558	5,572,362	470,758	--	--	--
1954	75,300,743	5,214,856	437,921	--	--	--
1955	74,385,593	4,933,788	399,774	--	--	--
1956	75,161,575	5,088,375	409,721	--	--	--
1957	71,862,937	4,377,946	373,939	--	--	--
1958	63,933,330	4,981,569	283,510	--	--	--
1959	63,479,553	4,390,501	271,423	--	--	--
1960	66,513,534	4,572,303	254,220	--	--	--
1961	65,189,581	4,360,967	266,019	--	--	--
1962	61,041,254	4,091,399	235,392	--	--	--
1963	37,950,192	2,370,546	152,139	--	--	--
1964	37,725,903	2,497,140	143,541	--	--	--
1965	32,785,754	2,131,773	127,943	--	--	--
1966	54,195,024	3,613,275	189,015	--	--	--
1967	53,191,308	3,343,579	213,037	--	--	--
1968	55,965,289	3,673,651	204,525	4,842	206	10
1969	50,310,537	3,277,638	169,048	1,977	34	4
1970	43,105,138	2,350,308	141,695	3,644	154	7
1971	34,909,748	2,367,681	114,113	612	182	9
1972	29,879,904	2,071,273	100,258	783	195	14
1973	25,330,086	2,118,897	110,443	687	164	7
1974	21,561,294	2,519,827	150,001	2,432	617	35
1975	22,833,879	2,511,762	124,979	977	260	14
1976	19,980,719	2,500,535	117,875	782	250	13
1977	19,002,747	2,922,346	138,453	680	222	11
1978	17,159,593	2,715,067	115,422	631	367	20
1979	14,861,316	3,539,328	142,541	750	422	23
TOTALS	2,531,291,550	171,760,297	9,617,796	18,797	3,123	167

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	4,464	2,340	292
1975	--	--	--	16,325	11,341	1,418
1976	--	--	--	13,900	14,320	1,750
1977	225	1,632	204	11,923	15,009	1,876
1978	975	10,582	1,335	13,007	10,019	1,252
1979	--	--	--	5,125	6,657	834
TOTALS	1,200	12,314	1,539	60,744	59,698	7,462

OIL AND GAS OPERATIONS

PUBLIC LANDS

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,472,493,399	836,852,545	91,721,629
1953	133,636,165	72,241,899	8,451,448
1954	125,638,531	72,932,545	8,504,253
1955	117,349,244	68,973,415	8,146,208
1956	113,154,132	65,546,915	7,785,027
1957	108,008,833	68,345,981	8,344,706
1958	102,110,519	69,127,979	7,384,721
1959	100,341,917	60,023,674	5,367,228
1960	97,616,655	55,507,177	5,913,683
1961	97,751,546	54,497,431	5,820,617
1962	89,910,491	51,390,245	5,434,389
1963	76,717,678	54,945,502	5,925,683
1964	81,425,874	55,435,597	6,123,736
1965	77,370,719	55,018,592	5,975,094
1966	99,908,773	58,005,926	6,355,595
1967	103,747,437	59,030,325	5,507,383
1968	101,499,566	58,194,033	6,464,493
1969	90,339,641	58,396,269	6,525,279
1970	82,674,852	58,572,043	5,578,197
1971	71,532,705	58,483,440	5,550,641
1972	62,238,014	53,230,952	5,968,547
1973	54,367,337	57,631,542	6,559,495
1974	48,120,845	106,739,765	12,413,145
1975	51,820,162	122,497,324	14,441,250
1976	45,020,483	122,239,944	14,462,662
1977	41,653,019	131,614,221	15,644,428
1978	38,926,012	137,335,024	16,412,262
1979	24,822,276	218,492,959	26,658,561
TOTALS	4,720,396,526	2,941,365,914	333,445,462

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

CALIFORNIA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	2,059,989	5,222,660	370,444	799,685	215,915	35,980
1969	9,940,344	28,042,929	4,673,322	4,849,851	1,300,350	215,665
1970	24,987,523	72,294,311	12,049,052	12,229,147	3,301,870	550,212
1971	31,103,548	98,407,829	16,401,306	15,671,479	4,131,299	705,117
1972	22,562,213	70,131,529	11,668,505	10,033,581	2,709,007	451,511
1973	19,915,314	53,475,178	10,579,199	7,286,549	1,968,775	326,129
1974	15,775,744	78,014,292	13,002,385	5,573,642	1,485,338	247,156
1975	15,304,757	53,789,230	10,631,541	3,951,632	1,010,465	180,581
1976	13,978,553	55,245,591	10,874,233	3,475,201	1,015,855	168,473
1977	12,267,598	58,205,617	5,707,115	3,289,963	1,599,045	282,301
1978	12,085,908	59,709,403	11,704,453	3,472,292	1,404,226	214,421
1979	10,961,075	78,086,108	13,014,352	2,866,322	1,578,345	313,050
TOTALS	190,944,072	750,524,877	125,196,557	73,495,345	22,520,985	3,797,168

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND LFG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1970	132,539	8,187	546	--	--	--
1971	2,115,528	131,712	8,731	--	--	--
1972	114,504	5,977	399	--	--	--
1973-74	--	--	--	--	--	--
1975	--	--	--	2,915	791	132
1976	--	--	--	1,018	469	78
1977	--	--	--	318	277	65
1978	134,216	17,612	1,174	146	41	7
1979	--	--	--	814	225	38
TOTALS	2,495,937	163,488	10,900	5,211	1,806	340

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1968	2,859,574	5,438,575	905,430
1969	14,786,695	29,351,309	4,891,885
1970	37,349,414	75,004,358	12,599,910
1971	48,890,555	102,770,840	17,115,304
1972	32,710,298	72,846,673	12,180,515
1973	26,201,863	65,443,953	10,907,326
1974	22,350,386	79,455,610	13,249,941
1975	19,259,305	64,875,507	10,812,254
1976	17,454,772	66,219,995	11,043,234
1977	15,557,879	59,905,729	9,990,501
1978	15,692,562	71,501,882	12,020,055
1979	13,828,712	79,914,655	13,327,448
TOTALS	266,942,115	773,521,155	129,009,985

OIL AND GAS OPERATIONS

ACQUIRED LANDS

CALIFORNIA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	42,289,385	12,244,936	2,805,450
1953	--	--	--	2,740,994	1,761,153	323,517
1954	1,579	4,583	2,477	2,183,125	714,947	255,902
1955	2,305	5,600	3,355	2,981,792	585,625	368,819
1956	1,902	5,907	2,757	2,360,172	497,470	353,180
1957	1,727	5,549	2,431	2,077,121	470,957	394,486
1958	1,201	3,795	1,898	1,882,202	512,479	305,665
1959	1,452	4,333	2,157	2,000,759	555,950	305,496
1960	1,521	4,271	2,137	2,273,614	749,002	350,758
1961	1,353	3,773	1,720	2,569,532	844,858	375,820
1962	1,142	2,932	1,645	2,232,255	723,027	313,002
1963	1,394	4,174	2,455	2,297,451	753,854	295,138
1964	1,250	3,552	2,095	2,254,960	647,413	287,953
1965	89,194	241,515	31,350	2,915,774	948,557	357,294
1966	493,750	1,159,801	145,310	4,191,645	1,351,550	463,613
1967	1,542,315	3,733,197	468,329	4,023,421	1,283,742	360,934
1968	1,519,131	3,366,004	485,572	5,741,051	1,519,077	547,095
1969	1,107,053	2,975,364	383,174	4,103,116	1,275,424	344,471
1970	897,951	2,457,159	321,116	5,254,621	1,587,833	534,339
1971	710,221	2,094,586	274,586	4,854,789	1,522,376	449,595
1972	667,147	1,928,575	257,120	4,423,893	1,511,994	437,691
1973	550,412	1,337,052	245,088	4,304,860	1,559,164	479,426
1974	415,338	1,905,990	255,861	2,651,933	1,189,571	321,217
1975	324,331	1,509,576	200,547	2,110,650	1,269,532	365,762
1976	370,186	2,055,901	270,862	1,596,238	1,111,538	464,608
1977	391,632	2,248,140	295,715	2,022,570	1,113,232	754,230
1978	343,523	1,908,887	354,151	14,317,671	8,015,257	3,933,749
1979	291,215	1,501,995	231,236	2,997,536	5,320,317	2,085,245
TOTALS	9,742,007	31,574,311	4,248,484	135,653,630	52,495,756	18,661,655

OIL AND GAS OPERATIONS

ACQUIRED LANDS

CALIFORNIA

CALENDAR YEAR	<--- GASOLINE AND LIG --->			<----- GAS LUST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	985,138	46,349	9,349	--	--	--
1953	97,841	16,356	3,259	--	--	--
1954-75	--	--	--	--	--	--
1976	--	--	--	17,540	11,227	1,403
1977	--	--	--	6,595	5,640	830
1978	--	--	--	2,477	2,863	359
1979	--	--	--	--	--	--
TOTALS	1,082,979	62,705	12,608	26,616	20,735	2,592

OIL AND GAS OPERATIONS

ACQUIRED LANDS

CALIFORNIA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	43,275,023	12,291,285	2,815,805
1953	2,838,835	1,777,519	325,570
1954	2,184,804	719,530	258,379
1955	2,984,098	593,226	372,174
1956	2,362,074	503,377	355,947
1957	2,078,848	475,535	395,917
1958	1,833,403	655,274	309,563
1959	2,002,211	561,313	307,663
1960	2,275,135	753,273	352,295
1961	2,570,885	348,661	378,540
1962	2,233,397	735,959	314,647
1963	2,298,845	753,035	297,603
1964	2,256,220	550,965	290,048
1965	3,004,968	1,150,072	388,654
1966	4,690,405	2,511,351	610,423
1967	5,565,737	5,015,939	829,763
1968	7,260,232	5,585,081	1,053,767
1969	5,210,165	4,254,788	727,645
1970	6,152,582	4,144,992	655,455
1971	5,565,010	3,717,062	724,681
1972	5,091,040	3,440,559	694,811
1973	4,855,272	3,495,215	724,514
1974	3,068,821	3,095,351	577,078
1975	2,434,981	2,779,106	589,409
1976	1,983,964	3,178,666	736,073
1977	2,420,851	3,305,012	1,050,775
1978	14,668,671	9,327,012	4,288,259
1979	3,288,751	6,522,312	2,317,481
TOTALS	146,505,232	84,153,507	22,925,339

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

CALIFORNIA

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	123,756	14,350	3,256	123,756	14,350	3,256
1957	31,463	3,694	830	31,463	3,694	830
1953-79	--	--	--	--	--	--
TOTALS	155,219	18,044	4,086	155,219	18,044	4,086

OIL AND GAS OPERATIONS

NAVAL PETROLEUM RESERVE LANDS

CALIFORNIA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	162,225,477	185,917,567	37,744,547	140,091,083	5,504,646	1,292,168
1953	2,353,249	5,957,131	915,533	1,576,095	220,653	27,945
1954	2,205,989	5,555,519	873,019	1,689,539	236,892	29,950
1955	2,253,342	5,377,567	903,536	1,844,356	258,914	33,514
1956	2,469,072	7,520,349	992,349	2,638,241	370,124	46,557
1957	2,395,952	8,094,676	1,057,459	3,195,104	595,024	78,088
1958	2,435,055	7,984,498	1,046,020	4,074,323	555,895	112,526
1959	4,501,538	14,058,546	2,001,938	4,934,293	1,102,773	152,207
1960	4,769,581	14,116,475	1,990,424	4,955,706	1,323,151	174,260
1961	4,259,116	12,568,369	1,741,976	6,144,654	1,735,303	273,296
1962	3,863,245	11,404,725	1,597,802	6,345,639	2,176,311	310,845
1963	3,809,299	11,208,795	1,586,044	6,259,892	2,057,534	298,556
1964	3,553,359	10,395,256	1,465,484	5,674,316	1,809,217	262,393
1965	3,461,424	10,097,461	1,437,235	5,735,391	1,698,676	244,275
1966	3,200,392	9,186,946	1,315,197	5,254,036	1,634,503	228,830
1967	2,773,325	8,127,939	1,112,033	5,130,528	1,543,544	209,132
1968	2,755,205	7,567,480	1,026,707	5,171,120	1,524,029	204,165
1969	2,783,257	8,137,936	1,120,342	4,769,758	1,431,470	191,003
1970	2,956,430	9,215,920	1,300,247	6,640,860	2,046,553	304,642
1971	2,810,006	9,386,423	1,324,538	4,550,767	1,591,682	207,959
1972	2,365,297	7,373,263	1,075,055	3,995,722	1,433,672	189,070
1973	2,141,573	7,379,572	1,042,446	3,546,616	1,353,942	172,936
1974	2,107,865	10,796,894	1,339,130	3,848,176	1,743,429	225,854
1975	1,457,192	10,748,016	1,206,335	3,576,068	2,335,757	303,898
1976	847,597	9,453,489	1,027,850	2,226,510	1,947,266	253,365
1977-79	--	--	--	--	--	--
TOTALS	230,773,187	413,235,934	68,245,558	244,068,823	41,925,017	5,830,434

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

CALIFORNIA

<--- GASOLINE AND LFG --->

<----- OIL ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	394,953,573	35,275,732	1,812,378	--	--	--
1953	9,450,555	324,496	46,410	--	--	--
1954	9,627,897	354,843	55,208	--	--	--
1955	9,327,339	333,455	49,482	--	--	--
1956	9,751,593	363,977	49,072	--	--	--
1957	10,755,157	369,170	53,258	--	--	--
1958	12,327,495	904,317	50,445	--	--	--
1959	13,382,340	993,659	56,431	1,572	505	24
1960	13,589,454	953,901	54,351	34,752	11,184	553
1961	13,674,947	934,913	56,947	55,140	17,753	900
1962	12,725,148	860,093	55,137	84,534	25,227	1,411
1963	13,007,028	371,389	55,031	117,462	24,735	2,210
1964	11,123,408	753,240	49,543	124,608	36,825	2,362
1965	12,177,153	820,419	49,817	119,142	38,351	1,975
1966	13,001,541	332,556	49,400	130,788	42,117	2,255
1967	12,253,535	737,388	47,010	137,466	44,253	2,239
1968	13,290,191	346,180	45,545	31,920	10,278	475
1969	11,365,392	733,287	40,400	50,322	14,970	801
1970	11,337,393	735,724	42,978	46,176	13,753	791
1971	14,077,265	952,607	68,537	48,733	14,478	843
1972	14,041,541	957,556	67,490	31,661	9,059	517
1973	14,031,936	1,033,433	64,709	62,480	14,682	862
1974	14,695,533	1,348,331	91,152	83,163	27,947	1,096
1975	13,025,308	1,525,373	97,985	73,430	19,650	1,219
1976	7,952,422	1,021,034	64,853	40,225	12,915	610
1977-79	--	--	--	--	--	--
TOTALS	684,953,374	57,437,073	3,184,579	1,273,580	389,728	21,943

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

CALIFORNIA

(- TOTAL ALL PRODUCTS -)

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(¢)	ROYALTY VALUE(¢)
PRIOR	697,270,233	230,997,965	40,849,193
1953	13,379,909	8,002,280	990,938
1954	13,524,425	7,747,354	959,177
1955	13,426,037	7,969,936	986,632
1956	14,859,011	8,754,460	1,089,978
1957	16,346,213	9,658,870	1,188,815
1958	16,837,382	9,745,710	1,208,991
1959	22,819,843	16,215,483	2,210,600
1960	23,345,603	16,404,711	2,219,588
1961	24,133,857	15,257,343	2,083,119
1962	23,024,566	14,469,355	1,965,195
1963	23,193,681	14,172,503	1,941,841
1964	20,675,701	12,394,536	1,779,782
1965	21,493,114	12,554,917	1,733,302
1966	21,586,757	11,595,122	1,595,662
1967	20,305,354	10,453,129	1,370,414
1968	21,248,448	9,947,987	1,276,892
1969	18,974,239	10,317,655	1,352,546
1970	20,980,864	12,061,950	1,648,658
1971	21,486,791	11,945,210	1,601,977
1972	20,435,221	10,283,550	1,332,132
1973	19,782,605	10,261,609	1,280,975
1974	20,734,857	13,915,601	1,658,832
1975	18,132,098	14,526,898	1,609,487
1976	11,066,754	12,434,705	1,345,888
1977-79	--	--	--
TOTALS	1,161,068,964	512,990,752	77,262,614

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	97,330,941	187,534,386	25,975,030	97,475,145	7,178,021	609,773
1953	14,623,975	35,920,254	6,082,133	18,020,810	1,502,615	170,904
1954	15,027,989	38,149,095	6,678,140	22,180,205	2,387,303	274,219
1955	15,222,725	38,455,091	6,891,555	21,093,334	2,310,583	284,841
1956	13,470,176	46,576,038	8,816,006	22,267,775	2,442,040	275,688
1957	17,803,175	49,505,946	8,709,231	32,013,141	3,565,937	394,249
1958	14,869,153	44,593,512	6,674,028	32,729,259	3,527,706	403,919
1959	13,692,599	39,997,068	5,556,824	30,228,640	3,537,356	409,922
1960	13,730,559	40,062,872	5,548,830	28,945,092	3,456,296	399,496
1961	12,455,435	35,242,783	5,063,603	32,061,029	3,770,315	445,545
1962	12,104,333	35,090,848	4,926,259	31,306,918	3,899,881	462,228
1963	12,583,212	36,405,112	5,365,110	36,096,309	4,530,636	539,592
1964	12,385,707	35,574,471	5,059,737	40,004,849	5,290,391	628,458
1965	11,831,305	37,000,752	5,057,184	47,636,559	6,227,288	740,740
1966	12,313,158	55,064,340	5,178,519	54,838,883	7,251,012	868,128
1967	14,251,248	41,485,607	6,175,322	110,828,080	14,725,327	1,785,119
1968	12,395,144	36,656,621	5,327,865	12,256,328	2,068,751	178,382
1969	11,171,498	32,683,004	4,452,554	64,672,526	9,124,310	1,065,103
1970	8,383,034	26,508,650	3,551,851	64,934,252	9,201,550	1,092,660
1971	7,891,338	25,110,259	3,613,818	67,852,529	9,734,679	1,144,751
1972	11,801,235	41,155,184	5,523,727	64,522,217	9,965,358	1,185,951
1973	13,560,355	54,005,199	9,138,158	72,595,083	13,425,441	1,587,498
1974	10,059,545	98,005,778	17,319,504	70,063,923	14,718,089	1,719,411
1975	12,543,094	115,589,493	20,577,229	71,031,738	19,503,297	2,326,224
1976	12,704,300	118,720,843	21,092,687	68,993,470	25,003,854	3,004,249
1977	12,395,279	112,528,171	19,997,444	70,296,667	40,062,752	4,793,119
1978	12,299,152	120,773,031	21,858,358	67,899,261	50,056,478	5,872,518
1979	10,767,753	118,930,535	20,583,536	75,859,068	77,555,490	9,109,110
TOTALS	444,663,048	1,699,625,943	270,897,342	1,428,801,590	356,391,746	41,779,297

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

<--- GASOLINE AND LPG --->

<----- SULFUR ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	24,773,573	1,533,414	70,497	--	--	--
1953	9,185,016	553,541	25,689	243	5,639	365
1954	10,504,515	717,942	30,911	261	6,255	392
1955	10,141,739	672,673	29,687	--	--	--
1956	11,363,409	769,292	35,018	--	--	--
1957	11,322,329	768,536	34,829	--	--	--
1958	12,183,517	943,630	40,502	--	--	--
1959	14,470,551	356,767	45,279	--	--	--
1960	10,365,122	762,530	48,287	--	--	--
1961	14,603,519	589,095	68,496	--	--	--
1962	15,789,405	761,029	53,272	--	--	--
1963	21,114,505	1,017,615	62,575	--	--	--
1964	40,197,231	2,131,976	91,742	--	--	--
1965	26,632,212	1,527,426	51,512	--	--	--
1966	22,407,315	1,162,815	49,272	--	--	--
1967	30,653,343	1,402,817	53,720	--	--	--
1968	35,473,519	1,567,412	55,542	--	--	--
1969	23,365,981	1,108,989	38,388	--	--	--
1970	19,937,515	784,640	25,521	--	--	--
1971	33,783,526	1,435,383	48,354	--	--	--
1972	25,350,732	1,313,474	51,028	--	--	--
1973	14,800,513	1,231,592	102,663	--	--	--
1974	18,194,807	2,056,938	90,071	--	--	--
1975	13,833,791	1,938,449	75,474	--	--	--
1976	10,211,545	1,573,561	32,195	--	--	--
1977	50,030,960	4,196,180	278,727	--	--	--
1978	20,283,557	2,768,374	142,450	--	--	--
1979	19,834,409	3,718,555	161,942	--	--	--
TOTALS	577,835,158	40,264,645	1,893,553	504	12,104	757

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<----- C O - 2 ----->			<----- O I L L O S T ----->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	1,238	--	--	--
1953-54	--	--	--	--	--	--
1955	70,117	5,845	1,315	--	--	--
1956	63,179	5,945	1,185	--	--	--
1957	50,984	4,743	956	--	--	--
1958	67,175	10,079	1,250	--	--	--
1959	71,436	10,723	1,341	--	--	--
1960	54,351	8,155	1,019	--	--	--
1961	94,193	14,129	1,756	--	--	--
1962	102,237	15,336	1,917	--	--	--
1963	219,234	32,172	3,648	--	--	--
1964	273,538	35,855	3,924	--	--	--
1965	141,515	23,344	2,886	--	--	--
1966	150,559	25,073	3,133	--	--	--
1967	185,350	28,459	3,557	--	--	--
1968	204,029	37,693	4,680	--	--	--
1969	185,323	42,418	5,155	--	--	--
1970	84,058	19,015	2,187	--	--	--
1971	145,123	34,864	3,933	--	--	--
1972	162,529	36,122	4,196	--	--	--
1973	155,236	27,209	3,377	--	--	--
1974	121,920	21,700	2,576	--	--	--
1975	187,471	44,582	5,120	63	320	28
1976	51,942	90,748	8,429	2,012	11,350	816
1977	79,991	148,905	13,832	202	1,354	151
1978	53,223	103,864	9,648	32	175	22
1979	67,791	133,927	12,440	--	--	--
TOTALS	3,051,334	961,905	104,818	2,309	13,179	1,017

OIL AND GAS OPERATIONS

ALL LANDS

COLORADO

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	219,584,659	196,445,821	26,657,588
1953	--	--	--	41,832,044	38,082,249	6,279,091
1954	--	--	--	47,712,970	41,260,605	6,983,562
1955	--	--	--	46,528,415	41,445,172	7,187,408
1956	--	--	--	52,264,539	49,899,315	9,127,897
1957	--	--	--	61,189,629	53,948,162	9,139,365
1958	--	--	--	59,854,214	49,174,927	7,124,709
1959	--	--	--	58,461,276	44,401,914	6,113,366
1960	--	--	--	53,096,134	44,269,853	5,997,632
1961	--	--	--	59,220,227	40,724,322	5,579,810
1962	--	--	--	59,303,443	39,767,094	5,443,686
1963	--	--	--	70,013,260	41,965,535	5,970,925
1964	--	--	--	92,866,475	45,032,693	5,783,921
1965	--	--	--	86,241,591	44,778,810	5,852,322
1966	--	--	--	89,715,435	63,503,240	6,119,052
1967	--	--	--	155,924,031	57,555,210	8,020,218
1968	--	--	--	61,330,020	40,330,477	5,566,469
1969	--	--	--	104,396,328	42,958,721	5,561,200
1970	--	--	--	93,338,960	36,513,855	4,672,229
1971	--	--	--	109,679,116	37,315,185	4,610,866
1972	--	--	--	102,836,813	52,468,148	5,765,502
1973	--	--	--	101,112,287	68,589,441	10,831,696
1974	--	--	--	98,440,195	114,502,505	19,151,762
1975	33,468	12,679	16,352	97,634,625	137,088,820	23,000,427
1976	309,495	148,865	18,530	92,273,265	145,709,201	24,150,956
1977	535,305	254,809	26,418	133,338,404	157,292,171	25,159,691
1978	10,251,038	936,726	93,195	110,786,413	174,638,648	27,975,201
1979	32,555	38,151	4,769	106,561,686	200,477,658	29,872,147
TOTALS	11,162,011	1,391,230	159,314	2,465,536,454	2,098,560,752	314,836,098

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	97,309,325	187,592,154	28,970,801	76,554,921	5,509,004	413,046
1953	14,615,558	35,395,572	6,079,048	8,867,930	315,885	85,067
1954	15,020,058	38,127,125	6,675,394	10,442,023	1,139,590	116,255
1955	15,130,100	38,191,565	6,859,515	12,527,892	1,385,882	149,756
1956	13,354,952	46,320,307	8,775,777	14,694,078	1,517,259	171,844
1957	17,730,936	49,275,335	8,633,599	19,031,231	2,167,277	209,623
1958	14,812,932	44,432,106	6,555,929	19,318,315	2,095,777	217,436
1959	13,580,300	39,589,620	5,620,050	17,614,870	1,568,847	212,817
1960	13,634,072	39,348,381	5,522,986	17,073,565	1,947,754	213,280
1961	12,389,313	35,077,997	5,043,704	17,720,510	2,037,509	228,042
1962	12,003,580	34,348,174	4,896,168	17,480,737	2,113,017	238,137
1963	12,390,572	35,396,270	5,301,879	20,205,070	2,479,772	252,198
1964	12,169,253	35,008,127	4,979,055	24,324,334	3,129,191	315,550
1965	11,322,170	35,527,975	4,839,609	29,774,343	3,784,931	434,453
1966	11,924,545	53,994,520	5,009,237	33,500,553	4,354,255	523,647
1967	14,004,553	40,832,658	6,084,047	40,559,251	5,374,504	607,877
1968	12,153,551	35,979,238	5,238,899	45,333,730	5,321,735	707,142
1969	11,020,952	32,239,372	4,393,676	48,194,887	6,771,537	703,816
1970	3,192,026	25,096,616	3,495,928	46,638,337	6,521,397	755,519
1971	7,703,340	25,774,047	3,568,233	50,733,621	7,212,557	827,458
1972	11,704,051	40,335,380	5,479,514	48,806,484	7,059,656	827,042
1973	13,435,959	53,581,620	9,091,977	54,984,156	9,455,191	1,053,246
1974	9,968,923	97,495,657	17,248,394	54,569,060	11,059,507	1,250,882
1975	12,475,578	115,158,187	20,517,302	55,959,719	15,913,241	1,872,251
1976	12,632,955	118,287,423	21,031,502	52,229,248	19,355,428	2,290,073
1977	12,309,150	112,072,888	19,924,273	53,296,165	29,825,910	3,517,019
1978	12,203,589	120,308,814	21,794,272	55,800,667	41,330,503	4,777,705
1979	10,705,794	118,174,165	20,476,352	59,237,347	58,414,810	6,675,312
TOTALS	440,909,357	1,637,761,295	269,259,591	1,005,473,404	261,367,559	29,832,089

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

<--- GASOLINE AND LPG --->

<----- C O _ 2 ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	24,779,573	1,533,414	70,497	--	--	1,238
1953	9,185,016	553,541	25,589	--	--	--
1954	10,504,515	717,942	30,311	--	--	--
1955	10,141,739	572,573	29,687	70,117	6,345	1,315
1956	11,363,409	769,292	35,018	63,179	5,945	1,105
1957	11,320,512	768,426	34,824	50,984	4,743	956
1958	12,165,117	940,739	40,386	67,175	10,079	1,260
1959	14,435,689	852,838	45,115	71,486	10,723	1,341
1960	10,342,102	759,873	48,176	54,361	8,155	1,019
1961	14,603,519	589,095	68,496	94,195	14,129	1,766
1962	15,789,405	761,029	53,272	102,237	15,336	1,917
1963	20,507,346	992,107	61,511	219,234	32,172	3,648
1964	40,029,106	2,122,052	91,279	278,688	39,855	3,924
1965	25,407,371	1,515,755	51,222	141,515	22,344	2,886
1966	22,232,007	1,154,158	48,911	150,569	25,073	3,133
1967	27,850,046	1,325,440	49,482	166,360	28,459	3,557
1968	35,345,544	1,535,391	53,936	204,029	37,693	4,680
1969	27,425,414	1,085,391	37,328	186,323	42,413	5,155
1970	19,430,095	772,295	24,333	84,058	19,015	2,167
1971	32,955,895	1,408,569	47,154	146,123	34,864	3,933
1972	25,873,145	1,296,011	50,257	162,629	36,122	4,196
1973	14,569,738	1,219,957	102,152	156,236	27,209	3,377
1974	17,926,056	2,036,197	89,156	121,920	21,700	2,676
1975	13,525,233	1,917,776	74,543	187,471	44,582	5,120
1976	9,972,731	1,553,066	31,318	51,942	90,748	8,429
1977	49,585,590	4,090,664	274,255	79,991	148,905	13,832
1978	19,723,719	2,583,164	138,819	53,223	103,864	9,648
1979	19,815,221	3,710,614	161,506	67,791	133,927	12,440
TOTALS	567,813,704	39,737,479	1,869,853	3,051,834	961,905	104,818

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	53	320	28	33,466	12,679	16,352
1976	2,012	11,330	316	291,301	140,342	17,510
1977	202	1,354	151	535,305	254,609	26,418
1978	32	175	22	10,251,088	536,726	53,195
1979	--	--	--	32,655	38,151	4,769
TOTALS	2,309	13,179	1,017	11,143,817	1,302,737	158,252

OIL AND GAS OPERATIONS

PUBLIC LANDS

COLORADO

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	198,643,319	194,834,572	26,455,182
1953	32,668,514	37,364,998	6,189,800
1954	35,966,596	39,964,607	6,824,400
1955	37,869,848	40,260,965	7,040,273
1956	44,475,628	48,712,833	8,983,824
1957	48,133,763	52,215,781	8,929,102
1958	46,363,539	47,479,701	6,915,011
1959	45,702,145	42,522,028	5,880,323
1960	41,104,100	42,564,173	5,795,461
1961	44,812,535	38,819,180	5,542,008
1962	45,380,959	37,737,556	5,189,494
1963	53,322,222	39,400,321	5,649,236
1964	76,801,391	40,253,225	5,430,818
1965	67,645,999	40,952,005	5,325,170
1966	67,807,774	59,528,016	5,584,948
1967	82,600,310	47,561,061	6,745,003
1968	93,036,864	43,874,080	6,004,707
1969	86,828,586	40,138,718	5,204,975
1970	74,344,517	33,405,325	4,279,617
1971	91,545,039	34,450,047	4,445,788
1972	86,546,309	49,267,369	6,261,009
1973	83,146,099	64,423,987	10,290,752
1974	82,585,959	110,593,061	18,597,608
1975	82,181,582	133,046,785	22,486,096
1976	75,180,199	139,578,367	23,375,956
1977	115,807,503	146,394,530	23,755,958
1978	98,037,316	165,363,246	26,813,661
1979	89,860,808	180,471,657	27,330,280
TOTALS	2,028,399,925	1,991,224,184	301,225,620

OIL AND GAS OPERATIONS

ACQUIRED LANDS

COLORADO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	85,233	246,820	29,337	--	--	--
1956	109,590	340,329	38,304	--	--	--
1957	66,552	213,872	23,440	161,762	36,680	1,001
1958	45,435	138,450	15,229	255,915	22,478	2,522
1959	35,477	94,695	10,180	105,105	9,086	1,054
1960	21,444	62,855	6,889	46,601	4,173	518
1961	15,570	42,934	4,557	9,153	650	34
1962	48,801	132,194	16,102	--	--	--
1963	150,809	413,867	51,237	24,247	1,147	134
1964	67,419	184,701	22,959	18,415	2,095	254
1965	48,905	133,951	16,417	89,021	11,566	814
1966	35,953	102,758	12,436	126,279	10,285	1,283
1967	39,482	101,432	12,579	119,638	12,886	1,011
1968	34,518	105,242	13,159	51,877	5,935	738
1969	25,474	78,449	9,806	211,165	23,792	2,974
1970	27,538	83,902	10,438	464,589	47,252	5,908
1971	17,743	58,700	7,337	520,171	60,459	7,555
1972	24,874	83,894	10,487	460,594	66,944	8,368
1973	35,186	44,621	5,578	310,088	42,480	5,310
1974	9,125	95,200	11,900	260,364	27,269	4,659
1975	9,091	61,945	7,743	242,548	50,100	5,263
1976	7,213	61,626	7,703	272,362	113,748	14,219
1977	10,705	92,823	7,324	297,080	85,094	575
1978	3,444	41,356	4,397	130,334	92,892	8,628
1979	7,727	126,989	15,338	333,179	341,479	39,720
TOTALS	987,519	3,143,605	371,536	4,512,467	1,079,409	114,642

OIL AND GAS OPERATIONS

ACQUIRED LANDS

COLORADO

<--- GASOLINE AND LPG --->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	--	--	--	86,233	245,820	29,837
1956	--	--	--	109,590	340,329	38,304
1957	1,717	110	5	230,041	250,652	25,046
1958	23,500	2,391	116	325,850	163,619	18,267
1959	34,362	3,929	154	175,444	107,710	11,398
1960	24,020	2,557	111	92,065	69,655	7,518
1961	--	--	--	24,823	43,554	4,701
1962	--	--	--	48,801	132,194	15,102
1963	607,159	25,508	1,054	782,215	440,522	52,435
1964	163,125	9,924	453	253,959	195,718	23,676
1965	224,241	11,571	290	362,167	157,158	17,521
1966	175,308	8,657	351	341,040	121,631	14,080
1967	91,507	4,374	132	250,627	118,692	14,472
1968	33,736	1,286	54	120,281	112,433	13,951
1969	41,223	1,759	74	278,862	164,000	12,854
1970	47,766	2,286	95	539,893	133,450	16,491
1971	101,633	5,704	242	639,597	124,843	15,134
1972	117,458	6,745	232	602,936	157,553	19,137
1973	92,706	7,716	322	437,980	94,817	11,210
1974	95,301	13,717	571	366,291	145,186	17,130
1975	64,765	8,266	345	316,404	120,511	14,351
1976	122,353	14,746	614	402,428	150,120	22,536
1977	109,457	9,598	404	417,242	183,615	9,303
1978	9,058	2,595	108	141,836	135,843	13,133
1979	29,004	2,186	91	369,910	470,654	54,649
TOTALS	2,215,509	146,425	5,958	7,716,515	4,369,439	492,236

OIL AND GAS OPERATIONS

INDIAN LANDS

COLORADO

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	21,116	42,232	5,279	20,920,224	1,569,017	195,127
1953	10,407	24,682	3,055	9,152,880	565,730	85,841
1954	7,931	21,970	2,746	11,738,182	1,247,713	155,964
1955	5,392	17,706	2,213	8,565,942	920,681	115,035
1956	5,524	15,402	1,925	7,673,697	930,751	103,844
1957	5,577	16,739	2,092	12,820,148	1,464,980	163,125
1958	9,796	22,956	2,870	13,155,029	1,508,451	168,561
1959	76,322	212,753	26,534	12,506,865	1,559,423	195,051
1960	75,043	151,636	18,955	11,824,926	1,464,359	185,096
1961	51,503	121,852	15,232	14,331,366	1,739,776	217,869
1962	47,502	110,480	13,999	13,626,181	1,789,854	224,091
1963	41,831	94,975	11,994	15,866,992	2,049,717	257,260
1964	149,025	381,643	57,773	15,661,600	2,159,107	271,654
1965	460,230	1,238,826	201,158	17,773,195	2,430,791	305,473
1966	355,570	967,062	156,825	21,210,051	2,885,451	363,158
1967	207,113	551,517	80,056	70,149,191	9,350,937	1,176,621
1968	207,955	572,141	75,307	(33,129,279)	(4,258,892)	(529,498)
1969	124,052	365,183	49,072	16,266,474	2,328,981	293,313
1970	153,470	328,130	44,445	17,831,326	2,632,891	331,233
1971	165,755	277,512	38,248	16,596,677	2,461,673	309,738
1972	72,310	235,910	33,726	15,255,139	2,766,568	351,541
1973	89,200	278,958	40,603	17,300,835	3,887,770	483,942
1974	81,496	414,921	58,810	15,234,499	3,541,313	457,870
1975	63,425	369,361	51,584	14,829,471	2,539,956	447,710
1976	64,522	371,794	53,132	16,491,860	5,554,673	699,557
1977	75,424	462,460	65,847	16,703,422	10,150,748	1,275,525
1978	92,119	422,861	59,699	11,968,260	8,553,033	1,086,185
1979	53,242	529,381	92,195	16,268,542	18,900,201	2,294,578
TOTALS	2,785,572	8,721,043	1,266,115	418,815,699	93,944,748	11,832,566

OIL AND GAS OPERATIONS

INDIAN LANDS

COLORADO

<--- GASOLINE AND LFG --->

<----- SULFUR ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	--	--	--	242	5,839	305
1954	--	--	--	261	5,255	392
1955-56	--	--	--	--	--	--
1957	2,715,790	73,003	4,056	--	--	--
1958	1,094,139	30,735	1,502	--	--	--
1959	893,344	21,839	936	--	--	--
1960	459,754	10,059	443	--	--	--
1961	730,048	21,110	958	--	--	--
1962	360,119	10,718	489	--	--	--
1963	133,159	3,909	139	--	--	--
1964	171,950	7,024	344	--	--	--
1965	243,743	12,407	586	--	--	--
1966	115,952	5,749	253	--	--	--
1967	334,813	95,818	4,058	--	--	--
1968	545,330	82,515	3,523	--	--	--
1969	(10,816)	5,755	345	--	--	--
TOTALS	7,799,945	380,741	17,742	504	12,104	757

OIL AND GAS OPERATIONS

INDIAN LANDS

COLORADO

CALENDAR YEAR	<----- GAS LOST ----->			<----- TOTAL ALL PRODUCTS ----->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	20,941,340	1,611,249	201,406
1953	--	--	--	9,163,530	717,251	89,291
1954	--	--	--	11,746,374	1,275,948	159,102
1955	--	--	--	8,572,334	928,587	117,298
1956	--	--	--	7,679,321	846,153	105,769
1957	--	--	--	12,825,825	1,481,719	185,217
1958	--	--	--	13,164,825	1,531,407	191,451
1959	--	--	--	12,583,687	1,772,176	221,645
1960	--	--	--	11,899,969	1,535,995	204,653
1961	--	--	--	14,382,869	1,861,628	233,101
1962	--	--	--	13,873,682	1,697,344	238,090
1963	--	--	--	15,908,823	2,144,692	269,254
1964	--	--	--	15,810,625	2,540,750	329,427
1965	--	--	--	16,233,425	3,569,617	506,631
1966	--	--	--	21,566,621	3,853,543	520,024
1967	--	--	--	73,073,094	9,975,457	1,260,743
1968	--	--	--	(31,827,125)	(3,555,015)	(452,189)
1969	--	--	--	17,288,880	2,716,003	343,371
1970	--	--	--	18,454,550	2,971,030	376,121
1971	--	--	--	17,494,480	2,760,295	348,944
1972	--	--	--	15,687,568	3,043,196	385,756
1973	--	--	--	17,528,208	4,170,637	529,734
1974	--	--	--	15,487,945	4,003,256	517,024
1975	--	--	--	15,136,639	3,921,724	499,980
1976	13,194	3,493	1,062	16,690,638	5,940,714	754,464
1977	--	--	--	17,113,659	10,709,026	1,345,430
1978	--	--	--	12,607,255	9,133,553	1,149,407
1979	--	--	--	16,330,968	19,525,537	2,467,116
TOTALS	13,194	3,493	1,062	429,420,014	103,067,129	13,118,242

OIL AND GAS OPERATIONS

ALL LANDS

FLORIDA

<----- O I L ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	1,920	20,804	2,501	1,620	20,804	2,601
1977	2,282	23,702	2,953	2,282	23,702	2,963
1973	5,759	69,378	8,673	5,759	69,375	8,673
1979	2,083	27,901	3,488	2,083	27,901	3,488
TOTALS	11,944	141,785	17,725	11,944	141,785	17,725

OIL AND GAS OPERATIONS

ACQUIRED LANDS

FLORIDA

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1978	5,173	62,517	7,815	5,173	62,517	7,815
1979	2,033	27,901	3,488	2,083	27,901	3,488
TOTALS	7,256	90,418	11,303	7,256	90,418	11,303

OIL AND GAS OPERATIONS

INDIAN LANDS

FLORIDA

<----- O I L ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1976	1,820	20,804	2,501	1,820	20,804	2,501
1977	2,282	23,702	2,953	2,282	23,702	2,953
1978	586	6,861	858	586	6,861	858
1979	--	--	--	--	--	--
TOTALS	4,688	51,367	6,422	4,688	51,367	6,422

OIL AND GAS OPERATIONS

ALL LANDS

ACQUIRED LANDS ONLY

ILLINOIS

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1977	483	6,529	1,088	483	6,529	1,088
1978	165	2,436	406	165	2,436	406
1979	33	2,538	423	83	2,538	423
TOTALS	731	11,503	1,917	731	11,503	1,917

OIL AND GAS OPERATIONS

ALL LANDS

INDIANA

ACQUIRED LANDS ONLY

<----- O I L ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,139	2,999	392	1,139	2,999	392
1953	1,156	3,183	364	1,156	3,183	364
1954	559	1,799	216	659	1,799	216
1955	418	1,196	133	418	1,196	133
1956	310	963	100	310	963	100
1957	342	1,099	119	342	1,099	119
1958	287	726	94	287	726	94
1959	385	1,017	127	385	1,017	127
1960	221	590	69	221	590	69
1961	232	610	76	232	610	76
1962	246	642	81	246	642	81
1963	173	439	55	173	439	55
1964	111	266	33	111	266	33
1965-79	--	--	--	--	--	--
TOTALS	5,579	15,529	1,359	5,679	15,529	1,859

OIL AND GAS OPERATIONS

ALL LANDS

KANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	25,074	59,775	8,375	33,233,254	2,707,209	312,346
1953	37,034	91,053	12,440	6,571,548	523,889	68,058
1954	29,318	75,590	10,498	5,224,085	518,127	74,796
1955	62,510	157,788	21,021	5,829,342	557,306	83,351
1956	82,236	207,656	27,442	6,111,379	595,943	87,916
1957	125,294	348,200	42,275	7,069,947	854,772	100,721
1958	244,197	611,735	77,996	6,287,161	731,228	88,798
1959	545,054	1,343,114	182,635	11,425,225	1,390,827	148,128
1960	821,233	1,971,011	286,138	12,695,034	1,493,368	140,971
1961	831,775	2,054,847	291,414	10,614,455	1,255,369	132,807
1962	857,163	2,153,304	309,699	10,174,238	1,189,618	130,232
1963	805,593	2,126,446	295,897	11,630,920	1,314,442	143,011
1964	709,551	1,874,334	253,074	13,670,311	1,533,588	200,329
1965	712,912	1,883,236	259,778	11,114,742	1,297,124	162,990
1966	665,723	1,823,358	245,476	11,634,492	1,572,007	178,117
1967	655,355	1,853,408	245,331	12,718,024	1,932,598	219,271
1968	675,303	1,970,835	263,239	12,234,882	1,579,136	208,358
1969	713,192	2,210,376	298,352	16,875,674	2,030,357	259,679
1970	784,150	2,470,720	337,198	15,949,728	2,062,123	263,524
1971	754,145	2,545,319	351,112	13,474,974	1,813,444	232,023
1972	767,011	2,520,761	362,555	13,140,725	1,988,657	255,079
1973	699,403	2,300,942	387,378	13,925,188	2,135,279	286,849
1974	593,714	3,141,090	431,259	13,045,615	2,149,735	276,188
1975	510,598	2,309,025	381,112	13,820,873	2,396,829	404,666
1976	524,417	3,146,260	427,371	14,560,687	4,550,677	624,485
1977	388,909	2,420,739	327,348	13,093,108	5,217,245	643,470
1978	389,711	2,530,687	392,352	14,991,061	7,548,821	951,937
1979	339,251	3,245,089	388,549	12,646,196	9,863,086	1,232,908
TOTALS	14,359,555	50,546,798	6,918,374	343,762,868	64,276,086	7,911,008

OIL AND GAS OPERATIONS

ALL LANDS

KANSAS

<--- GASOLINE AND LFG --->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	33,259,328	2,766,984	320,721
1953	--	--	--	6,608,582	714,942	80,498
1954	--	--	--	5,253,903	563,817	55,294
1955	--	--	--	5,891,852	815,094	104,372
1956	--	--	--	6,193,565	903,599	115,358
1957	--	--	--	7,195,241	1,202,972	142,596
1958	--	--	--	6,531,358	1,342,955	166,794
1959	--	--	--	11,971,279	2,733,541	330,763
1960	--	--	--	13,516,317	3,464,379	427,159
1961	--	--	--	11,446,230	3,310,215	424,221
1962	--	--	--	11,031,401	3,342,922	429,931
1963	23,442	1,006	56	12,466,055	3,441,896	438,904
1964	7,702	297	17	14,387,574	3,508,219	453,420
1965	39,395	1,789	33	11,867,050	3,182,149	422,851
1966	2,100	116	--	12,302,315	3,395,483	423,592
1967	1,531	83	5	13,375,520	3,785,089	465,107
1968	3,270	151	7	12,913,955	3,550,174	471,604
1969	1,735	78	4	17,595,651	4,240,841	558,035
1970	11,318	994	102	16,745,706	4,523,837	600,824
1971	3,538	499	28	14,237,707	4,259,252	583,103
1972	--	--	--	13,907,736	4,609,418	617,644
1973	--	--	--	14,624,591	4,939,221	674,227
1974	--	--	--	13,639,329	5,290,825	707,447
1975	--	--	--	14,331,571	5,305,854	785,778
1976	--	--	--	15,085,104	7,997,137	1,051,856
1977	--	--	--	13,482,017	7,637,984	970,818
1978	--	--	--	15,380,772	10,079,508	1,344,789
1979	--	--	--	12,985,457	13,108,175	1,621,457
TOTALS	104,732	5,017	302	358,227,266	114,627,901	14,829,684

OIL AND GAS OPERATIONS

PUBLIC LANDS

KANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	25,074	59,775	8,375	33,233,254	2,707,209	312,290
1953	37,034	91,053	12,440	6,536,527	501,387	67,620
1954	29,313	75,690	10,498	5,141,666	561,126	73,534
1955	62,510	157,788	21,021	5,706,002	533,041	81,655
1956	82,286	207,656	27,442	5,880,030	547,130	84,902
1957	125,294	348,200	42,275	6,630,098	755,036	95,657
1958	244,197	511,735	77,996	5,855,136	573,324	84,106
1959	535,004	1,319,000	180,571	7,980,918	563,493	120,437
1960	813,319	1,963,775	285,729	6,546,682	767,955	95,996
1961	828,332	2,048,058	291,029	7,474,591	866,452	108,304
1962	843,135	2,119,905	307,538	7,575,101	867,251	108,408
1963	777,194	2,046,234	285,245	8,624,408	954,932	107,123
1964	645,074	1,702,102	223,230	10,669,572	1,272,273	159,785
1965	650,255	1,714,010	227,909	9,265,018	1,034,440	130,420
1966	597,754	1,532,665	209,104	9,421,739	1,271,232	153,656
1967	585,485	1,547,929	205,991	10,255,911	1,594,713	172,575
1968	594,193	1,727,262	215,908	9,882,026	1,262,875	158,386
1969	613,593	1,398,693	237,337	13,763,633	1,547,539	206,609
1970	661,204	2,078,545	259,818	12,937,277	1,543,329	205,499
1971	623,029	2,097,471	262,240	10,434,062	1,447,657	181,266
1972	629,550	2,146,654	268,442	10,537,739	1,579,922	197,544
1973	572,342	2,292,736	286,592	11,098,986	1,647,738	211,157
1974	495,328	2,504,767	325,595	10,618,575	1,725,317	217,390
1975	435,485	2,391,868	293,934	11,441,083	2,552,695	341,411
1976	433,908	2,588,777	323,925	12,155,468	4,129,910	523,328
1977	327,855	2,069,390	258,744	11,005,247	4,541,892	567,752
1978	325,919	2,091,840	307,736	13,126,097	6,749,554	843,699
1979	285,733	2,753,684	298,334	11,313,156	9,045,294	1,123,530
TOTALS	12,895,476	44,487,262	5,760,659	285,308,203	54,045,816	6,714,505

OIL AND GAS OPERATIONS

PUBLIC LANDS

KANSAS

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	33,259,328	2,765,984	320,065
1953	6,573,561	892,440	10,060
1954	5,171,484	558,826	54,032
1955	5,756,512	790,829	102,676
1956	5,962,316	854,836	112,344
1957	6,755,392	1,103,236	137,932
1958	6,097,339	1,285,059	162,162
1959	8,516,922	2,282,493	301,008
1960	7,365,201	2,731,740	381,725
1961	8,303,423	2,914,490	399,333
1962	8,418,287	2,987,166	416,006
1963	9,501,602	2,901,166	392,368
1964	11,314,646	2,974,375	383,013
1965	9,915,284	2,745,450	358,329
1966	10,019,493	2,905,857	342,760
1967	10,841,396	3,242,642	378,566
1968	10,476,219	2,990,137	374,296
1969	14,382,226	3,546,232	443,940
1970	13,598,481	3,721,874	465,317
1971	11,057,092	3,545,150	443,506
1972	11,157,289	3,726,575	465,386
1973	11,671,828	3,940,474	497,749
1974	11,115,403	4,328,084	542,986
1975	11,576,568	4,944,563	640,395
1976	12,589,376	6,715,657	847,253
1977	11,333,112	6,511,262	826,502
1978	13,453,016	8,241,404	1,151,485
1979	11,599,885	11,799,978	1,422,364
TOTALS	298,204,679	98,533,078	12,475,164

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KANSAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	--	--	56
1953	--	--	--	35,021	22,502	496
1954	--	--	--	82,419	26,991	1,262
1955	--	--	--	123,340	24,265	1,696
1956	--	--	--	231,349	48,753	3,014
1957	--	--	--	439,849	99,736	5,064
1958	--	--	--	434,025	57,904	4,632
1959	10,050	24,114	2,064	3,444,307	427,354	27,691
1960	2,954	7,236	459	6,148,152	725,403	44,975
1961	2,943	6,789	335	3,139,864	388,937	24,503
1962	13,977	33,399	2,101	2,599,137	322,357	21,824
1963	29,499	80,212	10,652	2,806,512	459,510	35,888
1964	54,437	172,232	29,844	3,000,739	551,515	40,546
1965	62,546	169,226	31,369	1,849,724	262,684	32,570
1966	67,959	190,693	36,372	2,212,752	298,775	44,461
1967	70,380	205,479	39,340	2,462,113	337,885	45,696
1968	81,510	243,573	47,331	2,352,856	416,313	49,970
1969	99,599	311,683	51,015	3,112,041	382,848	53,070
1970	122,956	392,175	77,390	3,012,451	413,794	58,025
1971	131,116	447,848	88,372	3,040,911	365,757	50,757
1972	137,451	474,107	94,123	2,602,986	405,735	57,135
1973	125,551	508,206	100,736	2,826,202	490,541	75,692
1974	95,336	536,323	105,553	2,427,040	425,418	58,798
1975	75,213	417,157	82,128	2,379,790	444,134	63,255
1976	90,509	557,483	103,446	2,405,219	720,967	101,157
1977	61,044	351,349	68,504	2,087,661	575,353	75,712
1978	62,792	438,847	85,056	1,864,964	799,257	108,238
1979	52,523	491,405	89,715	1,333,040	515,792	109,278
TOTALS	1,463,190	6,059,536	1,157,715	58,454,665	10,250,270	1,196,503

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KANSAS

<--- GASOLINE AND LPG --->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	--	--	56
1953	--	--	--	35,021	22,502	438
1954	--	--	--	82,419	26,991	1,262
1955	--	--	--	123,340	24,255	1,096
1956	--	--	--	231,349	48,753	3,014
1957	--	--	--	439,849	99,735	5,064
1958	--	--	--	434,025	57,904	4,032
1959	--	--	--	3,454,357	451,445	29,755
1960	--	--	--	6,151,116	732,639	45,404
1961	--	--	--	3,142,007	395,725	24,868
1962	--	--	--	2,613,114	355,756	23,925
1963	23,442	1,006	56	2,864,452	340,730	45,596
1964	7,702	297	17	3,072,928	533,844	70,407
1965	39,395	1,789	33	1,951,766	423,609	64,522
1966	2,100	118	--	2,282,822	419,586	60,803
1967	1,531	83	5	2,534,124	545,447	85,541
1968	3,270	151	7	2,437,736	560,037	97,308
1969	1,785	76	4	3,213,425	554,609	114,029
1970	11,318	994	102	3,147,225	511,953	135,507
1971	3,588	499	26	3,180,615	514,104	139,057
1972	--	--	--	2,740,447	562,642	151,256
1973	--	--	--	2,952,762	993,747	175,478
1974	--	--	--	2,523,926	962,741	164,461
1975	--	--	--	2,455,003	861,291	145,283
1976	--	--	--	2,495,728	1,278,450	204,603
1977	--	--	--	2,148,905	1,026,702	144,316
1978	--	--	--	1,927,756	1,238,104	193,304
1979	--	--	--	1,385,568	1,308,197	199,093
TOTALS	104,732	5,017	302	60,022,587	16,294,823	2,354,520

OIL AND GAS OPERATIONS

ALL LANDS

KENTUCKY

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(1)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(1)
PRIOR	5,570	14,964	1,592	--	--	--
1953	91	250	29	--	--	--
1954	342	934	92	--	--	--
1955	230	658	54	--	--	--
1956	347	1,078	106	--	--	--
1957	27,431	85,956	12,796	--	--	--
1958	47,357	154,918	21,389	--	--	--
1959	39,550	119,961	17,503	--	--	--
1960	150,366	450,425	66,416	--	--	--
1961	395,475	1,188,017	178,727	--	--	--
1962	447,040	1,341,068	201,127	3,317	497	62
1963	343,771	1,016,087	152,370	--	--	--
1964	311,211	983,837	132,547	--	--	--
1965	249,579	707,841	106,153	3,344	502	63
1966	212,928	528,423	94,253	--	--	--
1967	163,775	502,315	75,349	14,272	1,923	240
1968	133,105	420,179	63,027	32,669	4,401	550
1969	124,196	395,169	59,275	8,062	1,056	136
1970	103,372	335,529	50,331	3,656	530	67
1971	69,293	238,162	35,724	3,602	485	61
1972	43,353	148,621	22,293	2,366	319	40
1973	30,917	115,662	17,356	1,286	173	22
1974	19,179	133,586	20,053	776	105	13
1975	12,028	96,837	14,526	25,478	5,665	706
1976	9,555	116,229	17,434	49,931	11,205	1,401
1977	3,941	127,221	19,033	46,725	9,509	1,189
1978	3,754	129,466	19,424	204,364	213,954	25,501
1979	7,591	186,923	28,036	354,543	425,451	47,334
TOTALS	2,975,570	9,539,416	1,427,137	754,394	575,814	77,387

OIL AND GAS OPERATIONS

ALL LANDS

KENTUCKY

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE (\$)ROYALTY
VALUE (\$)

PRIOR

1953	5,570	14,964	1,652
1954	91	250	29
1955	342	954	92
1956	230	658	64
1957	347	1,075	106
1958	27,431	65,956	12,796
1959	47,857	154,918	21,389
1960	39,650	118,961	17,502
1961	150,366	450,425	65,416
1962	395,475	1,188,017	179,727
1963	450,357	1,541,565	221,189
1964	343,771	1,016,087	152,370
1965	311,211	865,857	132,547
1966	252,923	706,343	106,216
1967	212,928	528,423	94,263
1968	183,049	504,238	75,589
1969	170,775	424,580	63,577
1970	132,258	396,255	59,411
1971	107,528	336,067	50,398
1972	72,895	238,647	35,785
1973	45,719	143,946	22,333
1974	32,203	115,835	17,378
1975	19,957	133,791	20,066
1976	37,506	102,503	15,234
1977	59,497	127,434	18,835
1978	55,666	136,730	20,272
1979	213,128	343,420	44,925
	362,234	512,374	75,372
TOTALS	3,730,964	10,215,230	1,504,574

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KENTUCKY

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	5,570	14,964	1,692	--	--	--
1953	91	250	29	--	--	--
1954	342	934	92	--	--	--
1955	230	558	54	--	--	--
1956	347	1,078	106	--	--	--
1957	1,094	3,515	430	--	--	--
1958	4,315	14,961	1,795	--	--	--
1959	4,530	13,601	1,699	--	--	--
1960	15,323	45,755	5,719	--	--	--
1961	(7,529)	(21,002)	(2,625)	--	--	--
1962	450	1,297	151	3,317	497	62
1963	577	1,702	213	--	--	--
1964	521	1,239	155	--	--	--
1965	377	915	114	3,344	502	65
1966	--	--	--	--	--	--
1967	--	--	--	14,273	1,923	240
1968	--	--	--	32,669	4,401	550
1969	--	--	--	8,062	1,086	136
1970	--	--	--	3,656	533	67
1971	--	--	--	3,602	455	61
1972	--	--	--	2,366	319	40
1973	--	--	--	1,286	173	22
1974	--	--	--	778	105	13
1975	--	--	--	25,478	5,656	708
1976	--	--	--	49,931	11,205	1,401
1977	--	--	--	46,725	9,509	1,169
1978	--	--	--	204,364	213,954	25,501
1979	--	--	--	354,542	425,451	47,334
TOTALS	25,838	79,867	9,544	754,394	575,614	77,387

OIL AND GAS OPERATIONS

ACQUIRED LANDS

KENTUCKY

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	5,570	14,554	1,692
1953	91	250	29
1954	342	954	92
1955	230	658	64
1956	347	1,079	106
1957	1,094	3,515	430
1958	4,315	14,951	1,795
1959	4,530	13,601	1,699
1960	15,823	45,755	5,719
1961	(7,529)	(21,002)	(2,625)
1962	3,767	1,794	223
1963	677	1,702	213
1964	521	1,259	155
1965	3,721	1,417	177
1966	--	--	--
1967	14,273	1,923	240
1968	32,669	4,401	550
1969	8,062	1,035	136
1970	3,656	535	67
1971	3,502	485	61
1972	2,366	319	40
1973	1,286	173	22
1974	776	105	13
1975	25,478	5,656	708
1976	49,931	11,205	1,401
1977	46,725	9,509	1,180
1978	204,364	213,954	25,501
1979	354,543	425,451	47,334
TOTALS	781,232	755,651	87,031

OIL AND GAS OPERATIONS

MILITARY & MISCELLANEOUS LANDS

KENTUCKY

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1957	25,337	82,441	12,356	26,337	82,441	12,356
1958	43,542	139,957	19,594	43,542	139,957	19,594
1959	35,120	105,360	15,804	35,120	105,360	15,804
1960	134,543	404,670	60,697	134,543	404,670	60,697
1961	403,004	1,209,019	181,352	403,004	1,209,019	181,352
1962	446,590	1,339,771	200,956	446,590	1,339,771	200,956
1963	343,094	1,014,385	152,157	343,094	1,014,385	152,157
1964	310,690	882,598	132,392	310,690	882,598	132,392
1965	249,202	706,926	106,039	249,202	706,926	106,039
1966	212,928	628,423	94,263	212,928	628,423	94,263
1967	168,776	502,315	75,349	168,776	502,315	75,349
1968	138,106	420,179	63,027	138,106	420,179	63,027
1969	124,196	395,159	59,275	124,196	395,159	59,275
1970	103,872	335,529	50,331	103,872	335,529	50,331
1971	69,293	238,162	35,724	69,293	238,162	35,724
1972	43,353	148,621	22,293	43,353	148,621	22,293
1973	30,917	115,662	17,356	30,917	115,662	17,356
1974	19,179	133,686	20,053	19,179	133,686	20,053
1975	12,028	96,837	14,526	12,028	96,837	14,526
1976	9,566	116,229	17,434	9,566	116,229	17,434
1977	8,941	127,221	19,083	8,941	127,221	19,083
1978	8,764	129,466	19,424	8,764	129,466	19,424
1979	7,691	186,923	28,038	7,691	186,923	28,038
TOTALS	2,949,732	9,459,549	1,417,543	2,949,732	9,459,549	1,417,543

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<----- O I L ----->			<----- C O N D E N S A T E ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	12,578,915	29,155,838	3,543,850	--	--	--
1953	5,411,446	15,048,326	2,103,354	210,063	719,654	135,453
1954	5,390,349	15,384,517	2,545,254	619,057	1,947,804	361,496
1955	12,527,092	36,103,420	5,631,527	833,621	2,624,334	483,418
1956	15,211,558	45,100,497	7,819,335	678,177	2,738,187	505,931
1957	20,782,397	65,278,080	11,934,404	697,116	2,397,006	422,270
1958	28,292,318	92,218,519	16,344,453	1,059,929	3,470,484	627,788
1959	33,075,872	123,827,352	22,307,017	1,519,992	4,871,845	865,736
1960	52,675,244	155,846,735	29,953,500	2,306,841	7,320,599	1,325,120
1961	66,593,326	208,785,100	37,633,509	3,064,308	9,527,905	1,785,043
1962	91,377,858	284,087,463	51,668,108	4,804,672	14,874,937	2,799,253
1963	105,020,597	334,482,487	56,702,403	6,247,942	19,165,310	3,613,838
1964	121,110,346	371,301,655	67,147,256	7,522,879	22,541,499	4,215,902
1965	142,705,422	437,034,773	77,901,567	8,732,553	26,564,321	4,989,612
1966	180,831,578	555,598,344	97,955,530	13,526,680	41,750,232	7,673,495
1967	212,625,703	655,305,755	114,936,344	14,297,694	42,884,947	7,743,531
1968	252,111,714	781,481,864	137,579,614	15,601,500	50,711,955	9,045,984
1969	290,422,515	946,542,006	164,457,928	16,184,974	56,381,108	9,863,476
1970	317,352,057	1,057,429,928	182,754,925	22,376,342	77,309,209	13,291,113
1971	364,383,258	1,299,368,759	221,321,883	27,394,271	99,250,253	16,835,804
1972	360,199,932	1,276,091,560	216,359,670	32,560,705	119,704,749	20,060,994
1973	345,769,209	1,431,991,115	239,171,758	32,919,245	136,308,235	22,505,037
1974	313,603,958	2,136,774,425	350,400,400	27,310,698	194,647,283	31,595,951
1975	290,300,475	2,157,995,889	354,268,029	26,076,764	213,356,928	34,774,426
1976	282,762,125	2,282,044,032	370,186,974	22,148,221	194,022,637	31,475,662
1977	265,994,972	2,390,800,648	392,187,704	26,248,834	242,253,426	39,581,711
1978	259,507,452	2,564,291,535	418,110,911	20,676,334	212,781,919	34,759,603
1979	251,365,010	2,788,546,764	453,534,359	21,825,673	237,417,026	37,824,355
TOTALS	4,711,992,259	24,541,517,486	4,109,062,566	357,645,158	2,038,140,951	339,265,509

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

<- OIL AND CONDENSATE ->

<----- GAS ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	12,578,915	29,155,838	3,543,850	49,272,106	4,644,489	545,634
1953	5,621,509	15,767,990	2,233,817	32,230,807	2,917,957	490,442
1954	5,009,906	17,332,421	3,007,760	86,568,914	8,744,523	1,401,322
1955	13,360,723	38,727,754	6,114,945	122,041,567	12,411,221	1,986,065
1956	15,089,735	47,838,684	6,325,273	133,766,608	13,772,617	2,084,288
1957	21,479,513	70,575,386	12,366,574	134,945,502	14,769,155	2,002,641
1958	29,352,277	95,589,003	16,972,233	176,486,674	21,700,896	3,095,150
1959	40,595,864	128,599,197	23,196,753	255,815,429	44,421,182	6,367,871
1960	54,983,039	163,167,134	31,282,026	318,703,655	59,503,543	8,626,454
1961	59,657,534	213,313,003	39,421,552	367,053,582	71,843,120	10,474,336
1962	95,182,541	293,962,370	54,467,451	548,453,001	107,453,950	16,610,643
1963	111,263,539	353,550,797	62,321,241	661,365,663	122,036,113	18,970,613
1964	123,633,219	394,743,154	71,434,158	705,636,496	131,511,154	20,295,438
1965	151,433,975	463,599,094	82,890,179	719,193,387	138,595,535	21,122,084
1966	194,353,258	597,348,576	105,635,075	1,035,371,938	193,712,663	29,689,352
1967	225,924,397	698,190,702	122,579,375	1,140,430,149	219,551,895	30,498,441
1968	267,713,274	832,193,850	146,626,595	1,464,032,502	281,355,983	45,545,512
1969	305,607,489	1,002,923,114	174,321,404	1,872,262,850	352,569,693	54,898,777
1970	339,723,399	1,134,739,137	196,045,938	2,324,699,979	423,221,951	66,555,443
1971	391,782,539	1,398,719,012	238,157,637	2,682,067,955	534,539,899	84,501,924
1972	392,760,541	1,395,796,309	236,920,554	2,935,604,455	647,092,855	102,621,376
1973	378,683,454	1,558,299,350	261,676,305	3,104,525,716	717,655,475	114,630,884
1974	345,914,556	2,331,421,708	381,997,351	3,394,707,851	856,514,657	137,732,540
1975	315,377,240	2,371,346,817	389,042,457	3,375,194,286	1,181,395,185	190,878,876
1976	304,910,346	2,475,066,719	401,662,536	3,535,854,334	1,638,943,456	265,214,429
1977	293,243,306	2,633,054,074	431,769,415	3,682,242,850	2,727,262,310	442,173,180
1978	280,183,795	2,777,073,454	452,850,514	4,178,514,211	3,862,513,952	626,721,047
1979	273,190,533	3,025,063,790	491,358,724	4,174,100,444	5,237,524,305	854,314,094
TOTALS	5,069,637,417	26,579,558,437	4,448,328,075	43,215,143,413	19,628,796,154	3,161,092,259

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

<--- GASOLINE AND LPG --->

<----- SULFUR ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	10,315,556	560,744	26,006	--	--	--
1953	632,598	45,018	2,219	--	--	--
1954	335,733	22,950	1,038	--	--	--
1955	631,898	41,912	1,451	--	--	--
1956	324,198	21,948	974	--	--	--
1957	839,375	57,009	3,944	--	--	--
1958	1,127,103	60,422	4,553	--	--	--
1959	663,033	36,508	2,373	--	--	--
1960	508,876	28,374	1,901	98,025	1,762,866	285,784
1961	7,762,256	317,114	48,750	401,521	7,252,931	1,170,703
1962	67,281,291	2,796,010	530,443	285,975	5,507,050	835,816
1963	79,221,425	3,544,151	734,474	552,573	11,059,637	1,617,471
1964	73,264,025	3,504,277	721,177	634,875	12,748,602	1,858,535
1965	63,111,213	2,861,143	533,024	1,090,950	23,387,005	3,197,532
1966	54,045,808	2,355,452	513,992	1,400,848	32,621,551	4,128,691
1967	38,979,344	2,309,391	409,756	1,409,276	37,291,107	4,167,804
1968	35,355,092	1,853,639	307,100	1,553,621	53,277,657	4,625,512
1969	254,229,435	11,724,051	959,397	1,232,939	49,129,573	3,684,432
1970	1,058,904,357	50,392,160	3,815,084	1,099,584	24,636,735	3,235,074
1971	1,488,990,617	78,274,920	5,882,771	1,178,400	23,718,311	3,452,117
1972	1,679,313,275	87,087,256	6,468,253	1,176,833	22,285,906	3,436,515
1973	1,583,824,158	103,529,678	7,774,457	1,235,358	23,748,632	3,610,757
1974	1,986,102,507	252,044,849	19,786,302	1,303,750	34,820,443	3,852,700
1975	1,969,701,153	215,592,446	16,518,190	1,248,134	69,757,571	3,737,784
1976	1,913,375,622	245,185,178	19,582,088	(554,271)	(36,777,151)	(1,651,794)
1977	2,045,429,205	313,109,663	27,579,304	--	--	--
1978	730,325,555	87,323,577	8,096,904	(5,050)	(27,891)	(4,648)
1979	3,280,368	1,547,690	342,194	--	--	--
TOTALS	15,153,885,910	1,467,327,630	120,648,529	15,343,301	596,191,546	45,246,615

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<----- S A L T ----->			<----- O I L L O S T ----->		
	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	59,794	10,764	1,792	--	--	--
1961	528,581	95,142	15,857	--	--	--
1962	175,924	31,848	5,308	--	--	--
1963	262,951	47,334	7,389	--	--	--
1964	212,978	38,334	6,389	--	--	--
1965	290,304	52,334	8,724	--	--	--
1966	297,475	53,544	8,924	--	--	--
1967	274,422	49,396	7,422	--	--	--
1968	540,551	97,317	17,030	--	--	--
1969	343,050	61,751	10,292	--	--	--
1970	269,591	48,544	8,091	--	--	--
1971	370,406	66,573	11,112	--	--	--
1972	353,732	64,581	10,754	--	--	--
1973	381,247	63,624	11,437	--	--	--
1974	345,411	62,354	10,392	2,772	15,717	2,708
1975	151,032	(54,212)	(8,459)	2,660	26,404	4,365
1976	(113,590)	(20,446)	(3,408)	1,366	13,693	2,304
1977	--	--	--	48,260	205,902	44,470
1978	--	--	--	24,356	284,491	47,146
1979	--	--	--	4,076	50,197	8,024
TOTALS	4,751,519	773,882	129,546	83,490	557,604	109,017

OIL AND GAS OPERATIONS

ALL LANDS

LOUISIANA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	72,166,575	34,361,071	4,115,490
1953	--	--	--	38,485,014	18,720,975	2,721,478
1954	--	--	--	92,914,608	26,099,894	4,410,120
1955	--	--	--	136,034,188	51,180,387	8,104,461
1956	--	--	--	150,180,541	61,553,249	10,410,535
1957	--	--	--	157,264,892	85,501,550	14,373,219
1958	--	--	--	206,966,054	117,450,278	20,071,536
1959	--	--	--	297,075,376	173,156,887	29,566,997
1960	--	--	--	374,353,439	224,475,061	40,197,957
1961	--	--	--	445,403,585	297,521,310	51,131,726
1962	--	--	--	712,379,732	414,751,228	72,449,671
1963	--	--	--	852,671,152	490,346,032	83,651,088
1964	--	--	--	908,381,593	542,545,521	94,215,707
1965	--	--	--	955,125,834	628,595,154	107,751,543
1966	--	--	--	1,285,474,327	826,591,786	139,975,034
1967	--	--	--	1,408,016,086	957,452,491	157,723,208
1968	--	--	--	1,770,196,140	1,168,778,456	198,124,753
1969	--	--	--	2,434,675,773	1,416,405,132	233,874,302
1970	--	--	--	3,724,702,520	1,633,035,535	269,691,420
1971	--	--	--	4,564,389,917	2,035,418,615	332,005,611
1972	--	--	--	5,009,219,986	2,152,327,907	349,459,574
1973	--	--	--	5,068,654,923	2,413,404,759	387,704,340
1974	14,524,330	3,923,340	601,155	5,742,902,327	3,478,903,043	543,983,646
1975	14,063,255	4,537,754	709,115	5,676,742,770	3,842,581,955	600,862,318
1976	15,463,475	5,514,119	1,028,111	5,777,938,283	4,329,930,768	685,834,366
1977	15,054,942	9,075,596	1,444,045	6,036,019,063	5,682,768,545	903,010,414
1978	31,395,187	20,704,400	3,282,110	5,220,439,115	5,748,477,093	1,091,003,673
1979	20,527,713	20,055,221	3,194,378	4,471,103,284	3,285,241,203	1,349,217,414
TOTALS	111,033,953	64,910,430	10,258,914	63,569,879,112	48,138,315,693	7,765,813,055

OIL AND GAS OPERATIONS

PUBLIC LANDS

LOUISIANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	4,148,641	5,986,172	892,342	33,616,432	2,361,360	147,388
1953	202,254	496,732	71,357	755,552	69,514	4,900
1954	153,003	388,385	55,927	2,142,891	233,654	27,531
1955	880,218	2,221,856	161,551	4,198,793	465,627	57,799
1956	542,573	1,369,481	172,796	4,249,512	467,716	60,814
1957	741,077	2,059,497	241,290	4,499,361	512,337	66,532
1958	515,531	1,667,627	208,453	4,486,416	550,244	65,284
1959	1,052,152	3,549,358	443,670	1,725,716	561,303	166,819
1960	1,482,558	4,773,406	596,676	4,403,534	661,442	107,680
1961	1,441,703	4,710,080	588,750	4,920,814	948,952	118,619
1962	1,460,182	4,721,215	590,152	7,559,141	1,559,789	195,441
1963	1,603,559	5,165,281	645,650	12,924,670	2,697,452	337,721
1964	1,325,314	4,174,986	529,105	10,093,420	1,539,611	248,004
1965	1,437,728	4,499,742	571,390	11,855,989	2,275,286	284,155
1966	1,614,941	5,071,618	632,417	14,249,329	2,600,813	329,441
1967	1,735,517	5,514,552	694,258	13,016,851	2,662,422	340,474
1968	(747,025)	(2,464,069)	(380,369)	12,218,641	2,307,923	269,861
1969	1,485,537	4,967,484	554,022	12,652,866	2,513,656	311,250
1970	1,445,502	4,910,989	605,704	10,841,857	1,963,321	248,432
1971	1,327,217	4,805,818	603,700	7,420,815	1,576,819	196,394
1972	1,073,058	3,379,736	482,619	6,446,866	1,257,743	170,622
1973	865,500	3,463,115	430,634	3,905,045	875,081	114,712
1974	695,447	3,940,549	489,531	3,757,564	978,428	123,156
1975	538,024	3,078,451	383,050	2,707,315	794,716	103,765
1976	477,106	2,390,851	359,452	2,474,754	1,227,650	160,422
1977	429,485	2,774,251	345,535	2,406,986	1,287,749	163,624
1978	392,207	2,741,465	341,546	1,755,737	650,157	73,200
1979	363,054	2,784,396	347,335	1,134,522	1,121,685	141,517
TOTALS	28,690,542	95,143,024	11,660,883	202,561,432	37,537,111	4,643,241

OIL AND GAS OPERATIONS

PUBLIC LANDS

LOUISIANA

CALENDAR YEAR	<--- GASOLINE AND LFG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	10,315,558	560,744	26,006	--	--	--
1953	632,598	45,018	2,219	--	--	--
1954	335,788	22,950	1,038	--	--	--
1955	631,898	41,912	1,451	--	--	--
1956	324,198	21,948	974	--	--	--
1957	839,876	57,009	3,944	--	--	--
1958	1,127,103	60,422	4,553	--	--	--
1959	663,083	36,508	2,373	--	--	--
1960	503,375	28,374	1,901	--	--	--
1961	447,103	21,662	1,246	--	--	--
1962	544,755	22,135	1,213	--	--	--
1963	666,040	34,093	1,344	--	--	--
1964	451,132	20,989	1,326	--	--	--
1965	1,455,329	57,354	5,354	--	--	--
1966	1,547,745	77,514	8,192	--	--	--
1967	1,999,920	111,403	12,598	--	--	--
1968	3,084,297	136,029	16,138	--	--	--
1969	4,085,733	173,094	18,373	--	--	--
1970	5,279,041	283,151	25,081	--	--	--
1971	5,413,439	329,757	27,353	--	--	--
1972	5,232,695	257,080	22,311	--	--	--
1973	3,754,339	196,973	19,548	--	--	--
1974	4,373,170	327,153	27,211	862	238	30
1975	3,343,400	288,332	29,232	8,797	2,374	297
1976	2,921,251	310,092	30,699	6,547	3,563	445
1977	1,917,824	416,912	49,334	14,339	10,274	15,993
1978	405,700	469,634	58,718	182,902	769,873	95,107
1979	324,245	551,712	68,954	--	--	--
TOTALS	64,539,235	4,959,954	470,244	213,468	760,322	112,872

OIL AND GAS OPERATIONS

PUBLIC LANDS

LOUISIANA

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	48,080,632	9,908,234	1,065,736
1953	1,590,504	511,254	75,486
1954	2,631,682	645,199	85,496
1955	5,710,909	2,729,595	220,801
1956	5,116,383	1,855,147	234,584
1957	6,080,314	2,628,893	311,766
1958	6,129,200	2,375,293	275,290
1959	3,440,961	4,147,169	612,862
1960	6,394,978	5,603,222	705,257
1961	6,809,620	5,680,694	708,625
1962	9,564,078	6,303,159	786,806
1963	15,199,369	7,395,626	985,225
1964	11,869,866	6,135,786	779,115
1965	14,749,546	6,533,382	861,409
1966	17,412,015	7,749,945	970,050
1967	16,753,388	8,218,377	1,047,330
1968	14,555,912	(10,117)	(94,320)
1969	18,225,138	7,654,234	863,645
1970	18,567,440	7,177,461	860,217
1971	15,221,521	6,712,394	829,447
1972	12,752,631	5,494,559	676,052
1973	8,526,384	4,538,119	564,894
1974	8,632,063	5,246,568	640,028
1975	6,602,534	4,163,873	515,358
1976	5,879,658	4,432,195	551,018
1977	4,768,634	4,485,136	574,586
1978	2,766,547	4,511,129	574,671
1979	1,871,521	4,467,794	557,806
TOTALS	296,103,728	138,426,411	16,867,240

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

LOUISIANA

<----- O I L ----->

<----- C O N D E N S A T E ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	940,634	2,770,866	584,088	210,063	719,664	125,453
1954	2,723,173	8,029,326	1,681,702	619,057	1,347,804	351,496
1955	5,859,397	17,312,409	3,538,957	833,631	2,524,534	453,418
1956	10,123,071	29,724,365	6,013,072	878,177	2,735,187	505,938
1957	15,367,279	51,146,960	9,790,301	697,116	2,357,306	432,270
1958	23,709,108	77,265,710	14,482,598	1,059,929	3,475,454	627,780
1959	34,177,272	108,196,671	20,331,582	1,519,992	4,871,845	889,736
1960	47,359,045	139,113,688	27,843,078	2,306,845	7,320,399	1,328,526
1961	61,265,770	192,144,960	35,462,210	3,064,306	9,527,903	1,788,043
1962	84,923,426	264,041,875	48,705,520	4,804,673	14,874,907	2,799,253
1963	93,273,494	313,637,681	55,591,519	6,247,942	19,168,310	3,618,838
1964	114,972,300	352,563,296	64,358,443	7,522,873	22,941,499	4,265,902
1965	135,232,315	417,131,468	75,417,396	8,732,552	26,564,321	4,963,612
1966	174,304,792	535,253,645	95,584,085	13,526,680	41,750,232	7,679,495
1967	204,693,134	630,364,403	112,166,314	14,297,694	42,884,947	7,743,131
1968	243,223,799	759,355,722	136,455,284	15,601,560	50,711,986	9,045,984
1969	283,974,313	925,153,657	162,162,256	16,184,974	56,311,108	9,863,476
1970	311,035,150	1,036,032,944	180,410,505	22,376,342	77,309,209	13,291,113
1971	353,365,080	1,277,537,359	218,947,756	27,394,271	99,350,253	16,835,504
1972	355,029,953	1,257,524,468	214,844,499	32,560,709	119,704,749	20,060,994
1973	341,277,611	1,413,319,684	237,227,054	32,919,245	136,305,235	22,505,037
1974	315,124,798	2,115,320,829	346,152,139	27,310,698	194,647,283	31,596,951
1975	287,515,795	2,142,058,833	352,531,404	26,076,764	213,350,926	34,774,428
1976	279,733,781	2,253,338,528	368,173,908	22,148,221	194,022,087	31,475,602
1977	264,522,771	2,374,005,873	390,343,437	26,248,834	242,253,426	39,581,711
1978	257,395,201	2,543,509,418	416,325,351	20,676,334	212,751,919	34,739,603
1979	249,183,243	2,768,395,263	451,278,478	21,825,673	237,417,026	37,824,355
TOTALS	4,566,337,211	24,031,450,001	4,048,403,726	357,645,158	2,038,140,951	329,265,509

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

LOUISIANA

< O I L A N D C O N D E N S A T E >

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	1,150,597	3,490,530	719,541	19,881,055	1,546,331	248,351
1954	3,342,230	9,976,130	2,043,198	56,325,083	4,393,968	705,779
1955	5,703,528	19,936,743	4,022,395	81,279,042	7,118,091	1,116,642
1956	11,001,248	32,462,552	6,519,010	82,892,538	6,995,060	1,103,698
1957	15,064,395	53,544,266	10,222,571	82,568,807	7,507,953	1,165,294
1958	24,769,037	80,737,194	15,110,378	127,692,848	15,733,942	2,313,500
1959	35,697,254	113,068,516	21,221,318	207,156,296	37,403,164	5,318,518
1960	49,665,391	146,434,087	29,171,504	273,034,451	52,761,614	7,636,074
1961	64,330,078	201,572,363	37,250,253	318,280,095	64,515,520	9,483,489
1962	89,733,099	278,916,782	51,504,973	451,952,659	92,209,196	13,746,400
1963	104,525,436	332,305,991	59,210,457	564,352,606	106,783,758	16,136,761
1964	122,495,173	375,604,795	68,645,345	621,731,438	118,377,080	17,887,512
1965	144,964,858	443,795,789	80,406,508	645,539,469	126,977,562	19,248,110
1966	187,831,472	577,003,877	103,263,580	965,387,845	182,465,908	27,989,727
1967	213,995,828	673,249,350	119,909,845	1,087,262,804	210,006,727	29,185,187
1968	263,825,359	820,067,708	145,502,268	1,413,467,606	272,969,079	45,405,714
1969	300,159,292	931,534,765	172,025,732	1,822,544,142	344,015,027	53,764,395
1970	333,411,492	1,113,342,153	193,701,518	2,273,147,040	414,016,458	65,425,566
1971	385,760,351	1,376,987,612	235,783,570	2,634,014,031	525,451,277	83,273,079
1972	387,590,662	1,377,229,217	234,905,493	2,881,364,733	636,164,978	101,311,962
1973	374,195,856	1,550,127,919	259,732,101	3,055,628,236	707,142,624	113,289,175
1974	342,435,496	2,310,968,112	379,749,140	3,349,170,864	844,519,245	136,123,741
1975	313,592,559	2,355,409,761	387,305,832	3,332,169,057	1,169,897,666	189,234,935
1976	301,887,002	2,457,361,315	399,649,570	3,499,865,900	1,622,680,649	263,063,050
1977	290,771,505	2,616,259,299	429,925,148	3,647,513,674	2,712,625,503	440,362,490
1978	273,071,535	2,761,291,337	451,064,954	4,149,731,136	3,547,319,737	624,603,700
1979	271,003,916	3,005,312,289	489,102,333	4,158,521,710	5,225,485,453	852,694,229
TOTALS	4,923,982,359	26,069,590,952	4,387,669,235	41,802,525,169	19,357,793,513	3,121,940,100

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	GASOLINE AND LPG			SULFUR		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	--	--	--	98,025	1,782,866	285,784
1961	--	--	--	401,521	7,252,331	1,170,733
1962	--	--	--	285,975	5,507,050	835,816
1963	--	--	--	552,573	11,055,637	1,617,471
1964	--	--	--	634,375	12,748,632	1,855,535
1965	--	--	--	1,090,950	23,357,005	3,197,532
1966	--	--	--	1,400,848	32,621,551	4,128,691
1967	--	--	--	1,409,276	37,251,107	4,167,804
1968	--	--	--	1,553,621	53,277,657	4,628,512
1969	222,430,316	9,777,911	714,111	1,232,939	49,129,573	3,684,432
1970	1,021,998,797	49,247,030	3,582,547	1,099,584	24,535,735	3,255,874
1971	1,462,879,353	76,751,561	5,659,170	1,178,400	23,718,311	3,452,117
1972	1,654,663,547	85,537,383	6,258,347	1,176,333	22,255,905	3,438,515
1973	1,557,169,529	101,743,599	7,487,901	1,235,358	23,748,632	3,610,757
1974	1,959,935,557	249,229,701	19,359,315	1,303,750	24,820,443	3,852,700
1975	1,948,285,033	212,943,717	16,106,333	1,248,134	69,727,571	3,737,704
1976	1,893,731,789	242,560,913	19,180,332	(554,271)	(36,777,151)	(1,651,794)
1977	2,033,685,380	311,000,372	27,256,703	--	--	--
1978	714,085,001	84,905,640	7,638,224	(5,050)	(27,891)	(4,048)
1979	(5,344,052)	(713,908)	(4,022)	--	--	--
TOTALS	14,474,527,370	1,423,083,819	113,240,111	15,343,301	396,191,546	45,246,615

OIL AND GAS OPERATIONS

OUTER CONTINENTAL SHELF

LOUISIANA

CALENDAR YEAR	<----- S A L T ----->			<----- O I L L U S I ----->		
	QUANTITY TNS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	59,794	10,764	1,792	--	--	--
1961	523,531	95,142	15,357	--	--	--
1962	175,924	31,848	5,308	--	--	--
1963	262,951	47,334	7,389	--	--	--
1964	212,978	38,334	6,389	--	--	--
1965	290,304	52,334	8,724	--	--	--
1966	297,475	53,544	8,924	--	--	--
1967	274,422	49,396	7,422	--	--	--
1968	540,551	97,317	17,030	--	--	--
1969	343,050	61,751	10,292	--	--	--
1970	269,591	48,544	8,091	--	--	--
1971	370,406	66,573	11,112	--	--	--
1972	353,732	64,581	10,764	--	--	--
1973	381,247	68,624	11,437	--	--	--
1974	345,411	62,354	10,392	2,772	15,717	2,708
1975	151,032	(54,212)	(8,459)	2,660	26,404	4,365
1976	(113,590)	(20,446)	(3,408)	1,366	13,893	2,304
1977	--	--	--	48,260	266,902	44,470
1978	--	--	--	24,350	284,491	47,146
1979	--	--	--	4,076	50,197	8,024
TOTALS	4,751,519	773,882	129,546	83,490	657,604	109,017

LOUISIANA

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

<----- G A S L O S T ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1953	--	--	--	21,031,752	5,036,881	967,892
1954	--	--	--	59,667,313	14,370,098	2,748,977
1955	--	--	--	87,982,570	27,054,774	5,139,027
1956	--	--	--	93,893,786	39,457,612	7,622,708
1957	--	--	--	98,633,202	61,052,219	11,367,869
1958	--	--	--	152,461,385	96,471,136	17,423,678
1959	--	--	--	242,853,560	150,471,680	26,539,836
1960	--	--	--	322,858,161	200,969,331	37,095,254
1961	--	--	--	383,540,275	273,636,456	47,920,332
1962	--	--	--	542,148,557	376,664,876	66,094,497
1963	--	--	--	669,694,566	450,706,720	76,972,596
1964	--	--	--	745,074,464	506,768,811	88,397,761
1965	--	--	--	791,936,091	594,212,690	102,860,174
1966	--	--	--	1,154,917,644	792,144,650	135,350,922
1967	--	--	--	1,307,942,330	921,196,580	153,271,258
1968	--	--	--	1,679,387,237	1,146,411,771	195,553,524
1969	--	--	--	2,346,709,749	1,384,518,927	230,198,962
1970	--	--	--	3,635,926,604	1,601,292,921	265,953,798
1971	--	--	--	4,484,202,551	2,002,975,434	328,279,046
1972	--	--	--	4,925,159,557	2,121,363,365	345,915,581
1973	--	--	--	4,988,611,226	2,382,531,396	384,131,371
1974	14,523,198	3,923,102	601,125	5,667,719,458	3,443,531,677	539,699,121
1975	14,008,177	4,621,538	707,432	5,609,456,652	3,812,582,445	597,088,712
1976	15,455,919	6,510,553	1,027,865	5,715,275,115	4,292,329,726	681,267,769
1977	15,040,503	9,065,322	1,428,052	5,987,060,022	5,649,227,598	899,016,863
1978	30,774,305	19,787,047	3,163,390	5,172,682,744	5,713,560,361	1,066,512,776
1979	20,527,713	20,055,221	3,194,378	4,444,718,363	8,251,187,252	1,344,995,442
TOTALS	110,331,716	63,962,783	10,122,042	61,331,545,534	47,312,054,099	7,678,456,666

OIL AND GAS OPERATIONS

ACQUIRED LANDS

LOUISIANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	7,769,203	20,411,907	2,421,132	1,135,088	520,672	4,751
1953	3,750,199	10,326,038	1,257,043	439,789	282,575	3,396
1954	1,930,172	5,268,632	684,656	4,621,467	1,513,475	67,673
1955	5,095,141	14,583,547	1,569,451	9,103,686	1,791,023	131,737
1956	3,787,826	11,762,984	1,337,372	9,528,254	2,008,337	135,741
1957	3,608,341	11,594,069	1,443,918	10,315,653	2,339,074	150,859
1958	3,093,252	10,319,206	1,238,305	11,245,945	1,398,380	167,806
1959	2,839,298	9,007,121	1,109,677	8,081,514	1,480,810	153,917
1960	2,779,468	8,728,760	1,070,146	6,164,809	1,325,955	169,569
1961	2,821,539	8,565,432	1,064,115	6,796,039	1,508,417	189,608
1962	3,050,788	9,512,933	1,164,138	6,348,449	1,425,497	175,904
1963	3,123,301	9,580,369	1,184,904	8,060,534	1,783,157	219,459
1964	3,110,539	9,373,724	1,217,219	9,706,388	2,230,556	277,089
1965	3,674,870	11,431,159	1,235,111	10,493,350	2,295,884	245,504
1966	3,853,325	12,177,052	1,224,417	12,311,794	2,549,891	265,241
1967	5,431,257	17,180,496	1,707,222	10,406,371	2,240,868	225,208
1968	3,943,354	12,498,656	1,166,138	10,006,044	2,137,299	200,253
1969	4,383,739	14,594,393	1,448,097	12,587,001	2,593,801	269,330
1970	4,381,290	14,906,392	1,482,951	19,901,425	4,289,065	428,946
1971	4,299,245	15,555,239	1,549,989	22,006,125	4,900,673	489,076
1972	3,760,271	13,521,147	1,346,351	27,076,572	6,151,459	613,700
1973	3,343,059	13,567,427	1,348,352	20,516,164	4,877,298	486,848
1974	2,524,150	14,484,456	1,437,230	17,571,635	4,533,549	452,575
1975	2,018,854	11,436,116	1,133,132	20,928,779	6,090,268	614,117
1976	2,320,027	14,291,838	1,414,051	20,032,058	7,703,843	784,469
1977	1,845,440	12,324,997	1,226,093	21,858,949	8,777,715	902,252
1978	1,454,411	10,717,551	1,069,755	10,503,051	6,198,304	639,289
1979	1,584,551	13,195,156	1,293,723	4,468,124	5,464,435	573,624
TOTALS	95,587,739	341,816,799	36,950,298	332,218,357	91,005,592	9,103,143

OIL AND GAS OPERATIONS

ACQUIRED LANDS

LOUISIANA

<--- GASOLINE AND LFG --->

<----- GAS LOST ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	233,150	1,201	159	--	--	--
1962	95,432	3,887	152	--	--	--
1963	40,785	1,513	57	--	--	--
1964	40,045	1,522	53	--	--	--
1965	3,502	151	6	--	--	--
1966-68	--	--	--	--	--	--
1969	101,712	539,199	22,758	--	--	--
1970	18,335	(527,360)	(21,918)	--	--	--
1971	60,588	4,876	297	--	--	--
1972	(3,883)	2,356	330	--	--	--
1973	65,754	3,707	(29)	--	--	--
1974	88,559	13,526	595	--	--	--
1975	45,787	7,744	550	51,291	13,842	1,380
1976	399,344	48,062	2,098	10	3	1
1977	281,777	44,090	3,341	--	--	--
1978	172,459	16,846	2,105	437,478	147,480	22,613
1979	3,548	11,744	1,458	--	--	--
TOTALS	1,649,707	173,164	12,162	488,779	161,325	24,000

OIL AND GAS OPERATIONS

ACQUIRED LANDS

LOUISIANA

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	8,905,091	21,032,779	2,425,933
1953	4,189,988	10,608,614	1,260,439
1954	6,551,639	6,782,107	752,529
1955	14,198,827	16,374,570	1,801,188
1956	13,316,080	13,771,321	1,476,613
1957	13,923,994	13,933,143	1,594,777
1958	14,339,207	11,717,586	1,406,111
1959	10,920,812	10,487,931	1,293,594
1960	8,944,277	10,058,715	1,239,715
1961	9,850,828	10,175,050	1,253,882
1962	9,495,669	10,942,317	1,341,204
1963	11,224,621	11,445,159	1,403,430
1964	12,857,072	12,205,802	1,494,371
1965	14,172,322	13,728,194	1,481,621
1966	16,165,119	14,325,943	1,490,658
1967	15,837,626	19,429,354	1,932,430
1968	13,949,898	14,655,955	1,366,391
1969	17,077,452	17,827,393	1,740,195
1970	24,301,051	18,668,097	1,889,989
1971	26,367,958	20,460,788	2,039,364
1972	30,832,960	19,874,592	1,960,381
1973	23,930,977	18,548,432	1,835,171
1974	20,184,364	19,331,531	1,920,550
1975	23,044,721	17,547,972	1,749,185
1976	22,752,039	22,043,746	2,200,619
1977	23,986,166	21,146,802	2,131,686
1978	12,567,399	17,080,161	1,723,762
1979	6,056,423	18,571,386	1,873,815
TOTALS	429,944,582	433,156,880	46,089,603

OIL AND GAS OPERATIONS

MILITARY & MISCELLANEOUS LANDS

LOUISIANA

CALENDAR YEAR	O I L			G A S		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	661,071	1,757,759	230,326	14,519,785	1,562,249	293,495
1953	513,359	1,454,690	190,866	11,154,411	1,019,545	233,795
1954	584,501	1,599,274	222,979	23,479,473	2,503,216	600,139
1955	681,335	1,985,608	261,558	27,460,046	3,036,340	681,887
1956	757,988	2,243,667	295,595	37,096,304	4,301,502	781,035
1957	1,065,700	3,477,554	458,335	37,561,682	4,409,741	819,556
1958	974,297	2,964,976	415,097	33,061,465	3,915,237	548,510
1959	1,003,140	3,074,202	422,038	38,851,903	4,975,905	698,617
1960	1,055,152	3,230,381	443,600	35,100,861	4,550,932	713,131
1961	1,054,214	3,264,528	518,424	37,056,635	4,770,231	682,620
1962	1,933,472	5,911,440	1,208,198	82,592,752	12,259,456	2,489,898
1963	2,010,143	5,999,156	1,280,220	76,027,652	10,791,716	2,277,052
1964	1,702,094	4,989,549	1,042,499	64,105,250	9,063,707	1,863,153
1965	1,361,509	3,972,404	677,170	51,254,579	7,147,056	1,343,315
1966	1,058,520	3,096,029	514,661	43,422,966	5,956,051	1,103,943
1967	760,545	2,246,304	368,550	29,744,123	4,133,678	746,572
1968	691,037	2,091,555	338,551	28,340,211	3,941,032	669,665
1969	573,921	1,826,472	293,552	24,478,839	3,347,209	553,602
1970	489,115	1,579,603	254,555	20,809,617	2,931,117	463,457
1971	395,725	1,370,343	220,428	18,564,984	2,711,150	441,373
1972	335,540	1,166,209	186,201	20,716,282	3,416,645	525,094
1973	277,039	1,040,889	165,718	24,476,271	4,760,522	740,149
1974	259,553	2,028,591	321,300	24,207,786	6,283,412	1,003,068
1975	227,793	1,422,487	220,433	19,389,137	4,612,535	926,055
1976	225,211	1,522,715	239,553	17,481,622	7,336,274	1,205,488
1977	197,276	1,595,527	272,539	10,463,241	4,561,343	744,814
1978	265,543	2,323,101	374,149	16,494,287	8,470,764	1,409,858
1979	234,052	3,771,949	609,333	9,926,086	5,444,650	904,724
TOTALS	21,375,757	73,107,662	12,047,559	877,838,455	142,455,938	25,405,775

OIL AND GAS OPERATIONS

MILITARY & MISCELLANEOUS LANDS

LOUISIANA

<--- GASOLINE AND LPG --->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	15,180,856	3,420,008	623,821
1953	--	--	--	11,672,770	2,474,236	424,661
1954	--	--	--	24,063,974	4,302,490	823,118
1955	--	--	--	28,141,882	5,021,948	943,445
1956	--	--	--	37,854,292	6,545,159	1,076,620
1957	--	--	--	38,627,382	7,887,295	1,076,851
1958	--	--	--	34,035,762	6,883,263	963,657
1959	--	--	--	39,860,043	8,050,107	1,120,705
1960	--	--	--	36,156,023	7,761,813	1,156,731
1961	7,082,013	294,251	47,345	45,202,862	8,329,110	1,248,289
1962	65,640,104	2,769,988	529,058	151,171,328	20,540,896	4,227,164
1963	78,514,500	3,508,445	732,553	156,552,596	20,299,317	4,289,835
1964	72,772,347	3,481,766	719,788	138,580,191	17,535,122	3,645,440
1965	61,651,787	2,303,638	527,154	114,267,875	13,925,895	2,547,639
1966	52,498,063	2,777,938	505,300	96,979,545	11,870,018	2,124,404
1967	36,979,324	2,197,988	397,158	67,464,742	8,575,170	1,512,290
1968	33,271,795	1,717,610	290,912	62,303,093	7,750,547	1,299,158
1969	27,610,574	1,233,947	204,145	52,663,434	6,407,628	1,051,500
1970	24,608,593	1,389,339	229,274	45,907,425	5,900,059	967,426
1971	19,637,177	1,188,726	195,951	38,597,887	5,270,199	857,752
1972	19,421,916	1,190,437	186,255	40,474,838	5,775,291	897,560
1973	22,833,036	1,585,399	267,037	47,586,346	7,455,810	1,172,904
1974	21,699,101	2,474,469	399,531	46,166,442	10,786,472	1,723,949
1975	18,021,933	2,352,653	381,575	37,638,862	6,387,675	1,528,063
1976	15,323,538	2,265,111	368,909	34,031,471	11,125,130	1,814,960
1977	9,543,724	1,548,289	269,926	20,204,241	7,905,159	1,287,279
1978	15,662,495	2,431,557	397,357	32,422,425	13,225,422	2,151,864
1979	3,295,527	1,598,142	275,794	18,456,677	10,914,771	1,790,351
TOTALS	613,070,047	39,110,693	6,926,112	1,512,285,269	254,578,293	44,379,546

OIL AND GAS OPERATIONS

ALL LANDS

ACQUIRED LANDS ONLY

MARYLAND

<----- G A S ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	15,207	3,416	557	16,207	3,416	557
1957	67,536	15,336	2,325	67,636	15,336	2,325
1958	139,502	36,918	4,799	139,602	36,918	4,799
1959	349,530	96,128	12,016	349,530	96,128	12,016
1960	294,502	80,986	10,123	294,502	80,986	10,123
1961	194,714	53,544	6,693	194,714	53,544	6,693
1962	123,116	33,857	4,232	123,116	33,857	4,232
1963	73,571	20,172	2,532	73,671	20,172	2,532
1964	1,435,130	394,661	49,333	1,435,130	394,661	49,333
1965	15,439	4,520	565	16,439	4,520	565
1966	32,423	8,570	1,071	32,423	8,570	1,071
1967	228,477	60,391	7,549	228,477	60,391	7,549
1968	345,590	91,638	11,455	345,690	91,638	11,455
1969	218,785	57,830	7,237	218,785	57,830	7,237
1970	127,850	35,159	4,395	127,850	35,159	4,395
1971	25,152	6,913	854	26,152	6,913	854
1972	25,099	6,634	829	25,099	6,634	829
1973	43,077	11,386	1,423	43,077	11,386	1,423
1974	13,336	3,525	441	13,336	3,525	441
1975	7,558	2,055	257	7,668	2,055	257
1976	5,187	1,404	175	5,187	1,404	175
1977	5,554	1,783	223	5,564	1,783	223
1978	6,052	2,057	257	6,052	2,057	257
1979	3,339	4,759	595	3,339	4,759	595
TOTALS	3,800,246	1,033,644	129,946	3,800,246	1,033,644	129,946

OIL AND GAS OPERATIONS

ALL LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	157,290	393,382	55,238	--	--	3,500
1953	20,905	58,159	7,555	--	--	534
1954	15,901	43,785	5,599	--	--	534
1955	12,501	36,161	3,847	--	--	534
1956	11,348	36,559	4,120	--	--	534
1957	3,731	28,021	3,255	--	--	534
1958	3,150	24,693	2,979	11,453	3,097	906
1959	5,355	16,999	2,113	40,590	10,557	1,256
1960	5,358	15,179	1,354	59,412	15,453	1,503
1961	4,494	12,766	1,571	71,422	18,599	2,273
1962	3,900	10,764	1,346	84,462	21,950	3,279
1963	8,553	23,838	3,224	100,930	25,242	4,053
1964	9,555	26,537	3,570	84,092	21,854	3,483
1965	17,409	48,535	6,534	72,985	18,859	3,027
1966	23,934	83,664	11,052	56,048	14,257	2,678
1967	15,438	44,965	6,230	40,346	10,254	2,107
1968	30,508	90,666	11,350	27,774	7,080	1,649
1969	49,070	151,057	19,570	26,005	6,629	1,590
1970	54,112	160,677	20,816	22,754	7,774	1,734
1971	45,154	142,120	18,938	29,627	7,552	953
1972	31,391	100,965	13,338	31,629	9,615	1,256
1973	35,290	136,564	19,032	34,335	9,827	1,251
1974	59,508	535,710	84,252	462,210	248,410	31,124
1975	122,445	327,866	109,951	596,137	406,237	50,654
1976	63,830	716,726	96,015	531,894	375,371	46,991
1977	73,805	937,237	110,599	510,351	549,027	105,816
1978	68,705	926,211	110,125	463,890	529,620	66,265
1979	83,299	1,264,120	166,548	630,553	395,234	124,487
TOTALS	1,067,330	6,793,928	903,043	4,038,899	3,313,778	470,717

OIL AND GAS OPERATIONS

ALL LANDS

MICHIGAN

<--- GASOLINE AND LPG --->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	157,290	393,302	59,788
1953	--	--	--	20,905	58,139	3,099
1954	2,197	91	13	18,098	43,876	5,236
1955	--	--	--	12,601	36,151	4,381
1956	1,559	80	9	13,417	36,639	4,663
1957	1,340	86	8	10,071	28,107	3,607
1958	--	--	--	19,603	27,790	3,885
1959	--	--	--	46,555	27,556	3,369
1960	--	--	--	64,780	30,632	3,557
1961	--	--	--	75,916	31,367	3,844
1962	--	--	--	88,362	32,724	4,625
1963	--	--	--	109,493	50,080	7,277
1964	--	--	--	93,647	48,401	7,053
1965	--	--	--	90,394	67,394	14,711
1966	--	--	--	84,982	97,951	13,730
1967	--	--	--	55,834	55,249	8,337
1968	--	--	--	58,282	97,746	13,499
1969	--	--	--	75,075	157,636	21,160
1970	--	--	--	76,866	168,421	22,552
1971	--	--	--	74,791	149,672	19,901
1972	--	--	--	63,520	110,780	15,094
1973	--	--	--	69,625	146,391	20,283
1974	--	--	--	531,818	884,120	115,386
1975	--	--	--	718,582	1,234,103	160,805
1976	--	--	--	595,724	1,092,097	143,006
1977	--	--	--	584,157	1,386,264	217,417
1978	--	--	--	532,595	1,255,831	176,390
1979	--	--	--	768,852	2,259,354	291,135
TOTALS	5,106	257	30	5,111,835	10,107,953	1,373,790

OIL AND GAS OPERATIONS

PUBLIC LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	34,989	62,924	9,585	--	--	2,299
1953	--	--	--	--	--	534
1954	--	--	--	--	--	534
1955	--	--	--	--	--	534
1956	--	--	--	--	--	534
1957	--	--	--	--	--	534
1958	--	--	--	--	--	534
1959	--	--	--	--	--	534
1960	--	--	--	--	--	534
1961	--	--	--	--	--	534
1962	--	--	--	--	--	534
1963	--	--	--	--	--	534
1964	--	--	--	--	--	534
1965	--	--	--	--	--	534
1966	--	--	--	--	--	5,491
1967	--	--	--	--	--	734
1968	--	--	--	--	--	734
1969	--	--	--	--	--	734
1970	--	--	--	--	--	734
1971-79	--	--	--	--	--	734
TOTALS	34,989	62,924	9,585	0	0	17,868

OIL AND GAS OPERATIONS

PUBLIC LANDS

MICHIGAN

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	RENTALTY VALUE(\$)
PRIOR	34,989	62,924	11,884
1953	0	0	534
1954	0	0	534
1955	0	0	534
1956	0	0	534
1957	0	0	534
1958	0	0	534
1959	0	0	534
1960	0	0	534
1961	0	0	534
1962	0	0	534
1963	0	0	534
1964	0	0	534
1965	0	0	5,491
1966	0	0	734
1967	0	0	734
1968	0	0	734
1969	0	0	734
1970	0	0	734
1971-79	--	--	--
TOTALS	34,989	62,924	27,453

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	110,143	296,986	39,100	--	--	1,201
1953	19,032	52,404	6,883	--	--	--
1954	14,391	39,282	5,126	--	--	--
1955	11,227	32,134	3,826	--	--	--
1956	10,515	32,654	3,532	--	--	--
1957	7,712	24,780	2,850	--	--	--
1958	7,073	21,517	2,582	11,453	3,097	372
1959	5,199	14,739	1,829	40,590	10,557	722
1960	4,421	12,384	1,505	59,412	15,453	969
1961	3,776	10,650	1,306	71,422	18,599	1,739
1962	3,255	8,917	1,115	84,462	21,950	2,745
1963	7,719	22,036	2,999	100,930	26,242	3,519
1964	3,921	24,762	3,349	84,092	21,864	2,949
1965	15,375	47,040	6,497	72,985	19,659	2,536
1966	23,326	81,900	10,831	56,048	14,287	1,944
1967	14,940	43,369	6,000	40,346	10,284	1,373
1968	30,005	89,169	11,663	27,774	7,050	915
1969	48,551	149,496	19,375	26,005	5,629	856
1970	53,552	158,933	20,600	22,754	7,774	1,000
1971	44,857	141,090	18,810	29,627	7,552	963
1972	31,524	99,735	13,584	31,629	9,815	1,256
1973	35,216	136,350	19,005	34,335	9,827	1,251
1974	69,508	535,710	84,252	462,210	243,410	31,124
1975	122,299	325,904	109,706	596,137	405,237	50,854
1976	63,596	714,007	95,675	531,894	375,371	46,991
1977	73,717	335,988	110,443	510,351	549,027	105,818
1978	63,537	324,526	109,914	463,890	529,620	65,265
1979	83,049	1,259,093	166,020	680,553	995,234	124,487
TOTALS	1,003,306	6,635,555	878,599	4,038,899	3,313,775	452,849

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MICHIGAN

<--- GASOLINE AND LPG --->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	110,142	295,986	40,201
1953	--	--	--	19,032	52,404	5,863
1954	2,197	91	13	16,586	39,373	5,139
1955	--	--	--	11,227	32,134	2,828
1956	1,559	80	9	12,084	32,754	3,641
1957	1,340	86	8	9,052	24,855	2,868
1958	--	--	--	18,526	24,614	2,954
1959	--	--	--	45,789	25,295	2,551
1960	--	--	--	63,632	27,837	2,474
1961	--	--	--	75,198	29,249	3,045
1962	--	--	--	87,717	30,877	3,860
1963	--	--	--	108,849	48,278	6,518
1964	--	--	--	93,013	46,626	6,298
1965	--	--	--	89,860	55,899	9,035
1966	--	--	--	84,374	55,137	12,775
1967	--	--	--	55,286	53,653	7,373
1968	--	--	--	57,779	56,249	12,578
1969	--	--	--	74,566	155,125	20,231
1970	--	--	--	76,316	165,757	21,600
1971	--	--	--	74,484	145,642	19,773
1972	--	--	--	63,153	109,550	14,940
1973	--	--	--	69,551	146,177	20,256
1974	--	--	--	531,818	584,120	115,386
1975	--	--	--	718,436	1,232,141	160,560
1976	--	--	--	595,490	1,069,378	142,666
1977	--	--	--	584,068	1,385,015	217,261
1978	--	--	--	532,477	1,354,146	176,179
1979	--	--	--	768,602	2,254,327	290,507
TOTALS	5,106	257	30	5,047,311	9,949,590	1,331,478

OIL AND GAS OPERATIONS

INDIAN LANDS

MICHIGAN

CALENDAR YEAR	<----- O I L ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	12,158	33,472	7,603	12,158	33,472	7,603
1953	1,373	5,755	582	1,873	5,755	682
1954	1,510	4,503	553	1,510	4,503	563
1955	1,374	4,027	19	1,374	4,027	19
1956	1,333	3,905	488	1,333	3,905	488
1957	1,019	3,241	405	1,019	3,241	405
1958	1,077	3,176	397	1,077	3,176	397
1959	755	2,260	284	766	2,260	284
1960	947	2,795	349	947	2,795	349
1961	718	2,118	265	718	2,118	265
1962	545	1,847	231	645	1,847	231
1963	544	1,802	225	644	1,802	225
1964	534	1,775	221	634	1,775	221
1965	534	1,495	187	534	1,495	187
1966	508	1,764	221	608	1,764	221
1967	548	1,596	230	548	1,596	230
1968	503	1,497	187	503	1,497	187
1969	509	1,561	195	509	1,561	195
1970	550	1,744	218	550	1,744	218
1971	307	1,030	128	307	1,030	128
1972	367	1,230	154	367	1,230	154
1973	74	214	27	74	214	27
1974	--	--	--	--	--	--
1975	146	1,962	245	146	1,962	245
1976	234	2,719	340	234	2,719	340
1977	89	1,249	156	89	1,249	156
1978	118	1,685	211	118	1,685	211
1979	250	5,027	628	250	5,027	628
TOTALS	29,535	95,449	14,859	29,535	95,449	14,859

OIL AND GAS OPERATIONS

ALL LANDS

MISSISSIPPI

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	165,794	443,769	48,486	36,068	15,958	225
1953	93,138	255,348	31,750	--	--	--
1954	220,321	500,550	74,667	--	--	--
1955	533,259	1,525,291	144,156	898,850	175,835	22,471
1956	805,702	2,499,330	200,344	2,072,278	426,541	48,051
1957	763,455	2,452,029	261,017	6,124,557	1,387,780	121,615
1958	771,507	2,489,229	273,980	6,382,526	1,312,140	131,238
1959	1,013,072	3,184,707	359,608	7,143,856	1,423,833	139,647
1960	972,075	2,860,676	328,426	6,239,985	1,283,729	120,834
1961	1,003,330	2,942,056	344,310	5,948,524	1,265,226	122,038
1962	1,085,459	3,209,918	381,930	6,135,205	1,335,032	135,249
1963	1,581,922	4,535,123	550,405	6,065,302	1,264,541	129,114
1964	2,133,532	5,969,696	734,900	2,673,313	547,456	48,537
1965	2,725,475	7,514,916	953,003	3,629,276	722,573	90,240
1966	3,499,558	9,531,483	1,204,573	4,324,751	828,709	106,203
1967	3,914,557	11,042,284	1,385,130	2,976,007	580,378	72,403
1968	4,031,274	11,713,104	1,466,295	2,225,422	494,298	61,220
1969	3,939,448	11,918,547	1,489,955	2,310,861	391,855	48,957
1970	3,694,518	11,416,279	1,427,049	1,762,850	349,954	43,742
1971	2,949,509	9,760,775	1,220,115	1,542,080	318,170	39,758
1972	2,270,784	7,502,694	936,669	1,026,777	211,955	25,479
1973	1,730,139	6,315,564	851,297	752,253	174,757	22,046
1974	1,662,953	10,909,045	1,365,309	564,742	131,839	16,473
1975	1,513,756	11,316,088	1,424,654	404,534	137,652	17,202
1976	1,385,538	11,071,557	1,387,529	243,238	63,632	10,457
1977	1,232,216	9,397,430	1,238,132	181,712	74,697	9,337
1978	1,093,011	9,939,269	1,257,944	304,351	328,662	40,944
1979	1,003,210	12,489,492	1,574,131	215,103	194,407	24,301
TOTALS	47,805,119	185,906,349	22,916,734	72,184,441	15,463,660	1,649,581

OIL AND GAS OPERATIONS

ALL LANDS

MISSISSIPPI

CALENDAR YEAR	<--- GASOLINE AND LFG --->			<----- OIL LUGS I ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(1)	ROYALTY VALUE(2)	QUANTITY BARRELS	PRODUCTION VALUE(1)	ROYALTY VALUE(2)
1968	53	10	1	--	--	--
1969	4,315	293	37	--	--	--
1970	1,474,934	80,846	3,359	--	--	--
1971	772,252	43,979	1,532	--	--	--
1972	29,338	1,421	59	--	--	--
1973-74	--	--	--	--	--	--
1975	--	--	--	14	74	9
1975	--	--	--	140	1,022	203
1977-79	--	--	--	--	--	--
TOTALS	2,281,493	126,549	5,298	154	1,095	212

OIL AND GAS OPERATIONS

ALL LANDS

MISSISSIPPI

<----- GAS LOST ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	202,862	459,737	49,711
1953	--	--	--	93,188	255,348	31,750
1954	--	--	--	220,321	500,650	74,667
1955	--	--	--	1,432,119	1,702,127	166,637
1956	--	--	--	2,877,980	2,925,871	248,395
1957	--	--	--	6,888,023	3,839,809	382,632
1958	--	--	--	7,154,133	3,801,359	405,118
1959	--	--	--	8,161,928	4,508,540	499,455
1960	--	--	--	7,212,061	4,144,405	449,260
1961	--	--	--	6,951,854	4,207,282	467,448
1962	--	--	--	7,221,674	4,545,550	517,229
1963	--	--	--	7,647,124	5,799,654	679,519
1964	--	--	--	4,806,995	6,517,152	783,437
1965	--	--	--	6,354,751	8,337,459	1,043,243
1966	--	--	--	7,824,309	10,360,192	1,310,776
1967	--	--	--	6,890,664	11,522,662	1,457,533
1968	--	--	--	6,256,759	12,207,412	1,527,516
1969	--	--	--	6,254,645	12,310,705	1,528,949
1970	--	--	--	6,932,452	11,847,039	1,474,160
1971	--	--	--	5,263,851	10,122,924	1,261,705
1972	--	--	--	3,327,419	7,716,070	963,207
1973	--	--	--	2,482,392	6,990,321	873,343
1974	11,233	3,370	421	2,238,943	11,044,254	1,382,703
1975	14,258	4,280	535	1,937,582	11,458,104	1,442,410
1976	20,145	9,892	1,236	1,649,211	11,166,703	1,399,425
1977	3,337	7,953	994	1,422,765	9,980,080	1,248,463
1978	3,539	3,230	404	1,405,951	10,271,151	1,299,292
1979	--	--	--	1,218,313	12,583,899	1,598,432
TOTALS	58,072	28,725	3,590	122,330,269	201,526,979	24,575,415

OIL AND GAS OPERATIONS

PUBLIC LANDS

MISSISSIPPI

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	7,373	18,000	1,781	--	--	--
1953	4,172	10,246	952	--	--	--
1954	3,877	9,941	906	--	--	--
1955	3,124	7,386	734	--	--	--
1956	4,734	11,947	1,217	101,755	11,200	1,037
1957	2,504	6,959	574	8,526	972	95
1958	2,050	4,420	551	10,636	977	122
1959	2,038	4,515	564	10,884	1,001	175
1960	953	2,085	260	8,599	1,152	144
1961	40	111	14	7,572	1,325	166
1962	33	93	11	6,751	1,109	154
1963	100,028	265,021	33,126	852	159	21
1964	57,109	146,074	18,259	248	50	7
1965	45,354	121,662	15,238	--	--	--
1966	41,931	109,673	13,709	--	--	--
1967	35,482	99,896	12,437	--	--	--
1968	200,483	584,212	73,027	3,150	772	97
1969	79,955	242,748	30,344	--	--	--
1970	64,372	195,754	24,459	--	--	--
1971	42,992	138,823	17,353	--	--	--
1972	37,038	119,359	14,920	--	--	--
1973	33,125	123,706	15,464	--	--	--
1974	29,200	176,795	22,099	--	--	--
1975	25,104	144,822	18,208	--	--	--
1976	13,535	116,915	14,655	--	--	--
1977	15,344	98,651	12,166	--	--	--
1978	17,341	109,745	13,705	--	--	--
1979	35,431	354,513	44,314	--	--	--
TOTALS	913,353	3,224,474	401,222	158,982	15,727	1,966

OIL AND GAS OPERATIONS

PUBLIC LANDS

MISSISSIPPI

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

TOTALS

7,673

4,172

3,877

3,124

106,489

11,040

12,686

12,982

9,562

7,612

6,784

100,880

57,357

45,864

41,931

36,482

203,633

79,965

64,872

42,992

37,038

33,126

29,200

25,104

18,535

16,344

17,341

35,461

1,072,346

18,000

10,246

9,841

7,856

23,147

7,931

5,397

5,516

3,237

1,435

1,195

265,186

146,134

121,662

109,073

99,896

584,984

242,748

195,754

135,823

119,359

123,708

175,795

144,822

115,915

95,651

109,745

354,513

3,243,201

1,781

962

906

734

2,254

769

673

669

404

180

165

33,149

18,266

15,208

13,709

12,487

73,124

20,344

24,469

17,353

14,920

15,464

22,099

18,208

14,688

12,166

13,705

44,314

403,190

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MISSISSIPPI

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	153,921	425,769	46,735	38,068	15,958	225
1953	89,316	245,102	30,786	--	--	--
1954	215,444	590,809	73,751	--	--	--
1955	533,145	1,517,405	143,432	898,850	176,835	22,471
1956	803,958	2,487,383	199,127	1,970,523	415,341	47,014
1957	763,952	2,445,070	260,343	6,116,021	1,385,833	121,520
1958	769,557	2,484,809	273,329	6,371,090	1,311,163	131,116
1959	1,015,974	3,180,192	359,044	7,132,972	1,422,832	139,722
1960	971,113	2,858,591	328,156	6,231,386	1,282,577	120,690
1961	1,003,290	2,941,945	344,796	5,940,952	1,265,901	122,472
1962	1,086,436	3,209,825	381,959	6,128,454	1,334,929	135,095
1963	1,481,794	4,270,102	517,277	6,064,450	1,254,376	129,093
1964	2,075,573	5,323,622	716,541	2,673,065	547,406	48,530
1965	2,679,511	7,493,254	937,795	3,629,276	712,573	90,240
1966	3,457,527	9,421,810	1,190,354	4,324,751	828,739	106,203
1967	3,873,175	10,942,388	1,372,643	2,976,007	580,378	72,402
1968	3,830,791	11,129,892	1,393,268	2,222,272	453,525	61,123
1969	3,859,483	11,675,799	1,459,611	2,310,381	391,885	48,557
1970	3,629,745	11,220,525	1,402,580	1,762,850	349,954	43,742
1971	2,905,517	9,521,952	1,202,752	1,542,080	315,170	39,750
1972	2,233,746	7,383,335	921,749	1,026,777	211,955	25,479
1973	1,697,013	6,591,856	835,833	752,253	174,757	22,046
1974	1,633,758	10,732,250	1,343,710	564,742	131,839	16,473
1975	1,493,562	11,171,256	1,406,456	404,534	137,652	17,202
1976	1,367,153	10,954,642	1,372,841	243,238	63,632	10,457
1977	1,215,872	9,798,779	1,225,956	181,712	74,697	5,337
1978	1,080,570	9,329,524	1,244,239	304,351	328,652	40,944
1979	967,729	12,134,979	1,529,817	215,102	154,407	24,301
TOTALS	45,892,755	182,681,875	22,515,512	72,025,458	15,444,933	1,647,613

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MISSISSIPPI

<--- GASOLINE AND L F G --->

<----- O I L L O S T ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	53	10	1	--	--	--
1969	4,315	293	37	--	--	--
1970	1,474,984	50,846	3,359	--	--	--
1971	772,262	43,979	1,332	--	--	--
1972	29,353	1,421	59	--	--	--
1973-74	--	--	--	--	--	--
1975	--	--	--	14	74	9
1976	--	--	--	140	1,022	203
1977-79	--	--	--	--	--	--
TOTALS	2,281,483	126,549	5,298	154	1,096	212

OIL AND GAS OPERATIONS

ACQUIRED LANDS

<----- GAS LOST ----->

QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
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--	--	--
--	--	--
11,233	3,370	421
14,268	4,280	535
20,145	9,892	1,236
3,337	7,953	994
3,589	3,230	404
--	--	--
53,072	28,725	3,590

<- TOTAL ALL PRODUCTS ->

QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
----------	-------------------------	----------------------

194,989	441,737	46,930
89,016	245,102	30,788
216,444	590,809	73,761
1,428,995	1,594,241	155,903
2,771,491	2,902,724	245,141
6,876,983	3,531,878	381,663
7,141,447	3,795,972	404,445
8,148,946	4,503,024	495,766
7,202,499	4,141,155	448,850
6,944,242	4,205,845	467,268
7,214,890	4,544,754	517,004
7,546,244	5,534,475	646,370
4,749,638	6,371,025	765,171
6,305,687	6,215,827	1,028,035
7,782,378	10,250,519	1,297,067
6,554,182	11,522,756	1,445,040
6,053,126	11,522,423	1,454,392
6,174,680	12,067,957	1,505,605
6,867,580	11,651,335	1,449,691
5,220,859	9,984,101	1,244,352
3,290,381	7,595,711	948,287
2,449,266	6,365,613	857,879
2,209,743	10,367,459	1,360,604
1,912,478	11,313,232	1,424,702
1,630,676	11,049,738	1,384,737
1,400,421	9,881,429	1,236,297
1,388,610	10,161,415	1,265,587
1,162,832	12,329,336	1,554,118
121,257,923	198,283,773	24,172,225

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	52,684,442	86,329,889	10,877,775	84,395,007	6,090,402	507,413
1953	3,391,028	3,431,321	1,076,778	4,659,866	392,533	30,892
1954	5,057,446	12,027,047	1,466,271	4,829,772	502,915	32,439
1955	5,291,550	13,058,516	1,610,502	5,083,964	528,296	33,193
1956	8,052,302	20,724,337	2,678,076	3,430,407	350,131	23,831
1957	10,143,418	28,500,662	3,753,753	4,059,261	428,207	30,069
1958	10,245,304	27,422,508	3,813,752	4,945,317	336,686	27,552
1959	10,599,256	27,577,076	3,926,521	5,241,925	341,454	29,116
1960	11,003,108	27,765,374	3,865,548	6,231,141	393,840	46,342
1961	11,315,994	28,092,552	3,954,415	5,314,036	338,652	38,452
1962	11,050,685	27,397,590	3,955,935	4,232,583	256,108	29,281
1963	11,238,815	28,110,770	4,033,080	3,290,060	245,735	25,487
1964	11,233,575	28,110,051	3,980,435	2,900,385	174,837	23,541
1965	12,093,479	31,052,801	4,188,977	3,223,681	202,639	26,351
1966	13,154,734	32,999,099	4,488,014	4,037,480	201,637	(5,094)
1967	13,235,757	34,570,356	4,231,721	5,091,928	362,080	61,660
1968	15,356,753	42,859,565	5,604,690	5,541,389	379,058	37,722
1969	14,121,513	39,432,578	5,083,861	7,552,277	732,952	77,729
1970	12,519,535	35,798,494	4,455,352	7,092,882	557,754	79,084
1971	11,875,000	33,454,812	4,825,757	7,712,028	545,818	75,268
1972	10,761,413	33,380,344	4,641,507	6,760,292	592,002	68,656
1973	9,947,458	37,909,463	4,758,499	10,841,347	1,051,228	129,063
1974	10,763,534	66,067,837	8,350,302	11,306,246	1,365,277	184,202
1975	9,103,811	62,017,644	7,791,746	10,189,725	2,522,709	303,382
1976	3,898,798	70,309,776	9,056,523	10,206,193	4,186,025	359,799
1977	8,365,170	69,069,509	8,598,411	12,890,186	8,936,214	1,064,205
1978	3,071,040	69,895,151	8,760,891	13,041,618	8,728,237	1,109,084
1979	7,455,075	82,025,599	10,445,717	15,864,029	17,599,592	2,225,182
TOTALS	323,042,415	1,109,490,823	144,276,199	269,967,040	58,856,819	6,694,941

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,607,196	207,928	10,273	--	--	--
1953	991,012	72,251	3,398	--	--	--
1954	4,843,555	334,916	14,222	3,303	15,950	1,824
1955	479,490	38,463	1,780	--	--	--
1956	510,752	38,854	1,790	--	--	--
1957	619,575	43,713	2,281	--	--	--
1958	13,435,715	946,763	37,931	19,422	317,575	14,799
1959	5,322,453	370,982	15,434	3,449	67,371	2,735
1960	5,065,934	365,415	14,332	2,986	164,406	5,952
1961	5,350,590	396,804	15,379	4,786	83,013	3,296
1962	4,743,556	256,050	10,242	4,298	65,795	2,711
1963	5,385,381	305,038	11,713	5,377	73,975	3,055
1964	5,043,512	282,541	11,590	4,125	42,445	1,639
1965	5,559,343	311,773	12,324	(4,263)	(50,157)	(4,581)
1966	32,997,294	1,393,893	61,052	10,046	120,345	5,093
1967	14,393,387	588,950	33,516	3,676	158,778	6,425
1968	10,498,523	432,230	19,810	7,214	141,246	5,655
1969	13,155,571	739,206	27,452	5,719	108,349	4,368
1970	13,807,990	780,100	30,555	7,299	123,156	5,450
1971	10,290,358	521,537	22,471	6,032	100,039	4,054
1972	5,633,170	391,241	16,019	3,552	38,543	1,564
1973	5,315,255	294,954	13,036	11,270	34,823	1,451
1974	5,810,780	1,592,586	27,730	5,388	52,503	2,014
1975	7,084,397	196,372	33,019	4,246	92,404	3,583
1976	5,415,558	2,014,523	34,573	5,267	107,798	4,080
1977	5,112,213	1,396,679	33,753	5,922	91,296	3,496
1978	4,182,242	733,176	27,948	5,004	75,534	2,860
1979	4,255,451	996,069	37,421	4,322	72,073	2,727
TOTALS	202,149,263	16,549,107	581,824	139,440	2,113,255	84,255

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

<----- O I L L O S T ----->

<----- G A S L O S T ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	887	106	13
1975	1,597	10,352	(142)	72,275	148,025	18,503
1976	571	5,025	572	129,522	75,861	9,483
1977	13,537	164,549	20,551	71,914	131,625	16,453
1978	5,359	74,293	6,390	107,587	211,393	25,424
1979	155	1,677	135	31,211	44,573	5,574
TOTALS	21,379	255,896	27,996	413,196	511,504	75,450

OIL AND GAS OPERATIONS

ALL LANDS

MONTANA

CALENDAR YEAR	< TOTAL ALL PRODUCTS >		
	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	159,886,645	93,128,299	11,395,461
1953	9,041,906	8,395,105	1,111,068
1954	14,734,187	12,860,628	1,514,756
1955	10,855,114	13,525,275	1,646,175
1956	11,993,471	21,113,322	2,703,697
1957	14,822,254	29,077,582	3,785,103
1958	28,646,758	29,023,532	3,904,064
1959	21,167,093	28,356,885	3,983,806
1960	22,310,219	28,690,035	3,932,274
1961	21,985,508	28,903,226	4,011,542
1962	20,031,132	27,975,543	3,998,219
1963	19,919,642	28,735,515	4,073,335
1964	19,186,697	28,509,724	4,017,605
1965	20,882,240	31,517,026	4,223,611
1966	50,209,604	35,301,024	4,549,075
1967	32,734,748	35,580,754	4,333,322
1968	32,403,989	43,512,109	5,667,877
1969	34,835,180	41,013,075	5,193,420
1970	33,427,707	37,409,514	4,571,051
1971	29,684,928	39,822,256	4,927,550
1972	24,163,427	34,902,130	4,727,846
1973	27,116,330	39,290,473	4,902,049
1974	27,688,787	69,079,314	8,564,761
1975	26,456,151	65,067,507	8,150,096
1976	25,656,009	76,699,109	9,465,130
1977	27,453,994	78,789,672	9,755,879
1978	25,413,360	79,717,784	9,934,087
1979	27,621,253	100,839,683	12,716,786
TOTALS	800,733,333	1,187,977,434	151,741,665

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	32,366,703	52,329,181	6,072,493	81,140,791	5,927,240	487,009
1953	2,207,028	5,420,421	581,225	3,795,270	349,181	25,473
1954	2,101,735	5,335,076	655,942	4,414,450	481,771	29,796
1955	2,481,512	6,264,112	769,881	4,482,021	497,249	30,012
1956	4,515,842	11,398,635	1,526,277	2,964,069	325,237	20,044
1957	6,313,546	17,545,723	2,383,154	3,515,918	400,553	26,592
1958	5,934,094	18,040,739	2,641,164	4,562,136	317,002	35,092
1959	7,453,932	19,000,464	2,840,559	5,020,353	350,125	37,700
1960	8,113,337	20,116,907	2,898,846	5,970,356	380,059	44,619
1961	9,039,451	22,133,849	3,191,701	5,170,076	322,772	37,442
1962	8,895,431	21,926,127	3,256,030	4,240,290	256,546	29,349
1963	8,977,093	22,279,208	3,292,867	3,263,230	242,055	25,029
1964	9,198,357	22,944,285	3,318,035	2,880,473	172,218	23,500
1965	9,955,525	25,552,829	3,445,928	3,170,332	198,286	25,706
1966	10,924,482	27,396,098	3,798,776	3,820,461	264,140	(7,977)
1967	11,069,289	29,068,729	3,558,497	4,849,441	342,112	58,306
1968	14,064,586	36,329,893	4,857,654	5,321,981	360,924	34,731
1969	11,115,753	30,934,675	4,023,538	7,276,692	709,056	73,965
1970	9,042,502	25,957,026	3,267,047	6,688,282	555,486	73,593
1971	8,121,315	25,236,601	3,026,547	6,635,028	560,870	61,899
1972	7,893,022	24,491,448	3,418,753	6,223,236	486,004	53,131
1973	7,441,101	28,713,025	3,573,071	10,522,475	991,350	120,450
1974	8,780,454	55,292,046	6,773,670	10,840,551	1,259,390	169,562
1975	7,315,336	51,036,650	6,206,342	9,530,579	2,358,982	213,277
1976	7,207,604	52,951,260	6,400,442	9,337,351	3,851,555	312,391
1977	5,874,530	51,571,087	6,280,014	11,450,178	7,932,036	907,208
1978	5,725,924	54,467,531	6,554,136	10,605,598	6,085,035	735,695
1979	5,230,049	58,866,056	7,067,354	11,998,923	12,125,220	1,451,492
TOTALS	241,374,354	823,298,681	105,770,673	249,893,753	48,199,976	5,225,897

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LIG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	575,830	35,727	3,098	--	--	--
1953	174,486	12,415	905	--	--	--
1954	4,394,427	300,342	12,781	3,303	15,950	1,824
1955	70,513	4,577	372	--	--	--
1956	140,745	9,528	558	--	--	--
1957	109,434	7,364	558	--	--	--
1958	13,071,158	920,021	36,857	19,422	317,575	14,799
1959	5,150,054	359,346	14,949	3,449	67,371	2,735
1960	4,831,940	350,923	13,530	8,986	164,406	5,952
1961	5,231,829	389,225	15,053	4,780	13,018	3,296
1962	4,743,555	256,050	10,242	4,298	65,755	2,711
1963	5,385,381	305,038	11,715	5,377	73,975	3,055
1964	5,043,512	282,541	11,590	4,125	62,445	1,639
1965	5,537,095	309,692	12,477	(4,263)	(50,157)	(4,581)
1966	32,803,923	1,882,908	60,583	10,046	126,345	5,093
1967	14,173,932	575,458	32,856	8,676	155,773	5,425
1968	10,289,489	420,703	19,170	7,214	141,240	5,655
1969	12,875,533	724,030	26,520	5,719	108,349	4,308
1970	13,589,241	770,760	30,035	7,299	133,156	5,450
1971	9,321,350	569,026	19,554	6,032	100,035	4,054
1972	5,002,311	357,469	13,734	3,552	55,543	1,564
1973	5,961,921	276,073	12,070	4,198	34,115	1,332
1974	5,252,512	1,526,166	24,253	5,388	52,508	2,014
1975	5,359,435	76,017	26,799	4,246	52,404	3,588
1976	5,447,299	1,850,695	26,547	5,267	107,795	4,080
1977	4,905,953	1,171,075	21,412	5,922	91,296	3,496
1978	3,022,328	497,967	15,135	5,004	75,534	2,860
1979	3,649,554	374,329	30,770	4,322	72,073	2,727
TOTALS	188,130,062	15,115,565	504,534	132,368	2,112,546	84,136

MONTANA

CALENDAR
YEAR

1974
1975
1976
1977
1978
1979
TOTALS

QUANTITY
BARRELS

--
1,709
571
13,557
5,359
155
21,991

PRODUCTION
VALUE(\$)

--
10,524
5,025
164,549
74,293
1,677
256,058

ROYALTY
VALUE(\$)

--
(113)
572
20,551
6,330
135
28,025

QUANTITY
MCF

667
70,959
127,471
71,320
107,507
31,211
409,235

PRODUCTION
VALUE(\$)

100
147,342
74,685
130,624
211,393
44,573
508,125

ROYALTY
VALUE(\$)

13
16,419
9,306
16,453
26,424
5,574
75,018

OIL AND GAS OPERATIONS

PUBLIC LANDS

<----- O I L L O S T -----> <----- G A S L O S T ----->

OIL AND GAS OPERATIONS

PUBLIC LANDS

MONTANA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE (\$)ROYALTY
VALUE (\$)

PRIOR

1953	114,083,324	58,291,154	6,562,600
1954	6,176,792	5,782,017	707,653
1955	10,913,516	6,123,139	700,243
1956	7,034,146	6,765,038	800,265
1957	7,621,656	11,734,400	1,547,689
1958	9,937,948	17,953,430	2,410,204
1959	24,586,810	19,595,337	2,727,422
1960	17,635,788	19,757,306	2,895,953
1961	18,930,669	21,012,295	2,963,103
1962	19,446,152	22,928,864	3,247,502
1963	17,883,635	22,504,518	3,299,332
1964	17,631,081	22,900,276	3,332,664
1965	17,132,067	23,441,469	3,354,173
1966	18,658,689	26,110,620	3,479,532
1967	47,563,916	29,669,491	3,846,475
1968	30,106,336	30,145,077	3,655,094
1969	29,683,270	37,752,766	4,917,210
1970	31,274,997	32,476,710	4,129,591
1971	29,327,324	27,519,438	3,376,126
1972	24,283,725	26,466,556	3,112,154
1973	20,122,621	25,373,464	3,487,252
1974	23,929,695	30,014,597	3,705,929
1975	24,879,602	58,140,216	6,969,512
1976	23,282,315	53,721,919	6,518,811
1977	22,125,663	58,841,016	6,753,468
1978	23,321,600	61,100,057	7,249,934
1979	20,473,610	61,411,603	7,341,130
	21,914,214	71,986,926	8,598,062
TOTALS	679,961,763	889,590,961	111,669,433

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MONTANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	40,773	106,426	9,932	--	--	--
1953	89,559	246,873	22,525	--	--	--
1954	476,868	1,301,667	114,272	--	--	--
1955	392,231	1,122,662	106,758	--	--	--
1956	552,372	1,716,928	177,540	--	--	--
1957	697,734	2,241,910	246,491	--	--	--
1958	623,574	1,333,240	220,589	--	--	--
1959	601,535	1,654,053	206,758	--	--	--
1960	515,211	1,416,318	177,040	--	--	--
1961	375,336	1,030,032	128,754	--	--	--
1962	291,260	792,037	99,005	--	--	--
1963	249,726	584,894	85,612	--	--	--
1964	238,135	529,109	78,658	--	--	--
1965	223,079	597,069	84,549	--	--	2
1966	173,036	458,741	58,926	2,394	352	44
1967	142,030	380,597	56,732	12,177	1,372	172
1968	123,379	345,614	43,202	4,060	375	47
1969	110,561	327,504	40,938	2,471	121	15
1970	102,073	312,750	39,094	4,483	220	27
1971	83,610	294,457	26,597	3,232	156	20
1972	77,553	258,332	32,291	4,083	200	25
1973	73,224	271,100	33,938	21,877	3,230	404
1974	79,353	459,695	57,452	19,553	3,208	401
1975	87,513	547,416	68,427	15,870	5,154	646
1976	111,239	395,341	136,190	142,790	41,467	5,183
1977	75,713	478,949	59,869	55,038	18,222	11,028
1978	(144,757)	(797,782)	(99,723)	616,153	1,125,300	140,663
1979	41,101	1,110,305	138,738	2,758,260	4,361,680	545,211
TOTALS	6,516,611	20,722,737	2,451,294	3,862,441	5,631,069	703,888

OIL AND GAS OPERATIONS

ACQUIRED LANDS

MONTANA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	40,773	106,426	9,982
1953	--	--	--	89,659	245,873	22,525
1954	--	--	--	476,868	1,301,667	114,272
1955	--	--	--	392,231	1,122,652	106,758
1956	--	--	--	552,872	1,716,528	177,540
1957	--	--	--	697,734	2,241,910	246,491
1958	--	--	--	628,674	1,835,240	220,589
1959	--	--	--	601,035	1,654,053	205,758
1960	--	--	--	516,211	1,415,318	177,040
1961	--	--	--	376,386	1,030,032	128,754
1962	--	--	--	291,260	792,037	99,005
1963	--	--	--	249,726	684,894	85,612
1964	--	--	--	238,135	629,109	75,638
1965	--	--	--	223,079	597,059	64,551
1966	--	--	--	175,480	459,093	53,970
1967	--	--	--	154,207	381,969	46,904
1968	--	--	--	127,939	345,989	43,249
1969	--	--	--	113,032	327,625	40,953
1970	--	--	--	106,556	312,970	39,121
1971	--	--	--	91,842	294,615	26,717
1972	--	--	--	81,736	258,532	32,316
1973	--	--	--	95,101	274,330	34,292
1974	--	--	--	98,906	462,905	57,863
1975	1,316	684	85	104,799	553,254	69,158
1976	2,051	1,176	147	256,080	939,484	141,520
1977	575	1,591	199	131,326	568,752	71,096
1978	--	--	--	671,386	327,513	40,940
1979	--	--	--	2,799,361	5,471,935	683,999
TOTALS	3,942	3,451	431	10,382,994	26,357,257	3,155,613

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

MONTANA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	--	--	--	7,700	4,344	543
1977	1,137	11,886	354	--	--	--
1978	(1,137)	(11,886)	(354)	--	--	--
1979	--	--	--	--	--	--
TOTALS	0	0	0	7,700	4,344	543

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

MONTANA

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1976	7,700	4,344	543
1977	1,187	11,886	364
1978	(1,187)	(11,886)	(364)
1979	--	--	--
TOTALS	7,700	4,344	543

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	20,276,956	34,395,282	4,795,300	3,254,216	163,236	20,404
1953	1,094,341	2,764,027	373,028	864,508	43,352	5,419
1954	2,473,342	5,390,304	696,057	415,323	21,144	2,643
1955	2,417,817	5,571,742	733,863	601,943	31,047	3,881
1956	2,982,538	7,508,774	974,259	466,338	23,894	2,987
1957	3,132,138	8,313,029	1,124,100	543,343	27,814	3,477
1958	2,682,536	7,543,529	951,999	383,181	19,654	2,460
1959	2,533,539	5,922,561	879,194	218,572	11,329	1,416
1960	2,367,510	6,232,149	789,752	260,785	13,781	1,723
1961	1,900,147	4,928,671	633,950	143,962	8,080	1,010
1962	1,863,944	4,579,426	600,950	(7,707)	(433)	(68)
1963	2,011,997	5,146,668	554,501	26,838	3,650	458
1964	1,795,533	4,536,657	583,752	19,912	2,459	232
1965	1,914,875	4,302,903	658,500	53,349	4,553	681
1966	2,067,216	5,144,260	640,312	214,621	17,195	2,839
1967	2,024,438	5,121,030	616,492	230,310	19,195	3,182
1968	2,163,298	5,584,058	703,334	215,348	17,759	2,944
1969	2,894,299	8,170,399	1,019,235	272,914	23,185	3,749
1970	3,374,951	9,528,718	1,149,821	400,117	39,048	5,464
1971	3,665,075	12,923,754	1,772,413	373,768	64,790	13,349
1972	2,790,738	9,130,564	1,190,553	532,973	105,798	15,500
1973	2,433,133	8,925,338	1,151,540	296,995	55,618	8,209
1974	1,903,367	10,316,096	1,519,570	448,144	93,679	14,239
1975	1,700,352	10,433,578	1,516,477	643,276	258,553	39,459
1976	1,579,955	15,461,675	2,519,891	710,352	288,662	41,682
1977	1,413,540	15,907,587	2,258,154	1,384,972	915,956	145,969
1978	1,490,070	15,237,288	2,306,842	1,619,867	1,517,852	232,726
1979	1,184,925	22,049,338	3,239,595	1,106,846	1,209,692	188,479
TOTALS	80,151,450	255,469,405	36,054,232	16,203,146	5,021,428	764,613

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

CALENDAR YEAR	<--- GASOLINE AND LFC --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,231,366	172,201	7,175	--	--	--
1953	815,525	59,836	2,493	--	--	--
1954	449,238	34,574	1,441	--	--	--
1955	408,977	33,786	1,406	--	--	--
1956	370,017	29,326	1,222	--	--	--
1957	511,091	41,349	1,723	--	--	--
1958	365,557	26,742	1,114	--	--	--
1959	172,409	11,636	435	--	--	--
1960	235,044	15,492	546	--	--	--
1961	118,361	7,579	316	--	--	--
1962-64	--	--	--	--	--	--
1965	32,248	2,081	347	--	--	--
1966	188,371	10,985	479	--	--	--
1967	219,455	13,492	550	--	--	--
1968	209,134	11,527	540	--	--	--
1969	273,938	15,176	842	--	--	--
1970	213,749	9,340	519	--	--	--
1971	969,518	52,511	2,917	--	--	--
1972	635,359	33,772	2,225	--	--	--
1973	354,334	18,881	950	7,072	709	119
1974	553,268	66,420	3,477	--	--	--
1975	724,911	120,355	5,220	--	--	--
1976	968,259	163,928	8,026	--	--	--
1977	1,206,250	225,604	12,351	--	--	--
1978	1,159,414	235,209	12,813	--	--	--
1979	615,907	121,740	6,551	--	--	--
TOTALS	14,019,201	1,533,542	77,140	7,072	709	119

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	(12)	(172)	(29)	--	--	--
1976	--	--	--	--	--	--
1977	--	--	--	19	10	1
1978-79	--	--	--	--	--	--
TOTALS	12	172	29	19	10	1

OIL AND GAS OPERATIONS

INDIAN LANDS

MONTANA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR

1953	25,762,548	34,730,719	4,822,879
1954	2,775,455	2,867,215	380,940
1955	3,343,403	5,446,022	700,141
1956	3,428,737	5,736,575	729,152
1957	3,818,943	7,661,994	978,466
1958	4,186,572	8,882,192	1,129,308
1959	3,431,274	7,589,955	955,573
1960	2,929,670	6,945,526	861,095
1961	2,863,339	6,261,422	792,131
1962	2,162,970	4,344,330	635,286
1963	1,856,237	4,575,963	600,882
1964	2,038,855	5,150,346	655,059
1965	1,816,495	4,539,126	584,094
1966	2,000,472	4,909,337	659,528
1967	2,470,208	5,172,440	643,630
1968	2,474,202	5,153,715	620,324
1969	2,592,780	5,713,354	707,418
1970	3,447,151	8,206,750	1,023,876
1971	3,993,827	9,577,106	1,155,804
1972	5,509,361	13,061,055	1,788,679
1973	3,959,070	9,270,154	1,208,278
1974	3,091,534	9,301,546	1,160,828
1975	2,910,279	10,476,195	1,537,386
1976	3,069,037	10,812,324	1,562,127
1977	3,266,566	16,914,255	2,569,599
1978	4,004,881	17,049,157	2,415,485
1979	4,269,351	17,990,349	2,552,381
1979	2,907,678	23,330,770	3,434,725
TOTALS	110,380,876	272,024,922	36,896,076

OIL AND GAS OPERATIONS

ALL LANDS

NEBRASKA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	27,053	71,986	10,670	--	--	--
1953	4,513	12,946	1,974	--	--	--
1954	1,299	3,776	575	--	--	--
1955	--	--	--	--	--	--
1956	4,973	12,550	1,539	--	--	--
1957	--	--	--	--	--	--
1958	513	1,377	172	--	--	--
1959	(301)	(822)	(104)	--	--	--
1960	23,358	80,671	5,042	50,239	5,723	358
1961	3,735	10,757	660	55,135	5,243	390
1962	22,075	63,202	8,527	131,897	17,500	752
1963	4,243	13,185	1,672	142,415	16,350	1,720
1964	8,555	23,524	3,750	16,908	1,936	242
1965	7,127	22,276	3,231	64,516	6,723	1,032
1966	4,542	12,369	1,700	194,090	19,925	3,162
1967	20,150	44,212	2,442	224,519	22,917	3,733
1968	5,840	15,897	2,112	241,270	24,377	3,903
1969	3,595	10,278	1,356	172,215	17,651	2,774
1970	2,533	7,366	976	89,590	9,523	1,426
1971	84,314	289,460	48,110	258,022	42,998	7,065
1972	59,293	198,449	31,548	839,629	152,196	25,233
1973	52,351	218,624	29,500	915,251	183,199	30,285
1974	43,156	381,478	33,412	1,066,784	240,355	39,935
1975	104,450	1,095,780	54,519	1,288,179	568,675	111,453
1976	132,345	1,493,508	95,306	1,044,564	581,802	95,967
1977	63,299	599,431	59,979	737,379	539,543	89,924
1978	50,354	589,996	68,358	887,724	963,696	160,616
1979	79,952	1,450,455	173,532	457,583	505,121	84,187
TOTALS	830,068	5,322,731	641,478	8,677,911	4,026,473	665,157

OIL AND GAS OPERATIONS

ALL LANDS

NEBRASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOSS I ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	833,159	55,841	3,675	--	--	--
1972	2,302,198	153,312	10,346	--	--	--
1973	2,577,550	192,771	13,387	--	--	--
1974	4,383,937	535,818	47,534	--	--	--
1975	2,882,034	302,025	25,548	8,746	2,157	364
1976	1,967,319	214,506	18,222	--	--	--
1977	1,848,303	297,896	25,306	--	--	--
1978	1,405,117	366,158	24,537	--	--	--
1979	938,733	315,910	24,557	109,462	197,449	32,908
TOTALS	19,144,500	2,434,237	193,952	118,208	199,656	33,272

OIL AND GAS OPERATIONS

ALL LANDS

NEBRASKA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	27,053	71,986	10,670
1953	4,613	12,946	1,974
1954	1,299	3,775	575
1955	--	--	--
1956	4,973	12,550	1,599
1957	--	--	--
1958	513	1,377	172
1959	(301)	(822)	(104)
1960	78,597	66,394	5,400
1961	58,870	17,000	1,050
1962	153,972	80,702	9,279
1963	146,658	29,535	3,392
1964	25,473	25,450	3,592
1965	71,645	28,999	4,263
1966	198,632	52,294	4,862
1967	244,679	67,129	5,175
1968	247,110	40,274	5,015
1969	175,811	27,959	4,140
1970	92,123	16,889	2,402
1971	1,180,495	388,299	58,850
1972	3,201,120	503,957	67,727
1973	3,545,762	594,534	73,272
1974	5,498,927	1,157,651	120,981
1975	4,283,419	2,008,667	191,984
1976	3,144,728	2,289,816	210,495
1977	2,653,981	1,536,870	175,209
1978	2,344,795	1,919,850	254,061
1979	1,585,740	2,468,935	315,434
TOTALS	28,970,667	13,483,077	1,533,869

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEBRASKA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	4,973	12,550	1,599	--	--	--
1957	--	--	--	--	--	--
1958	513	1,377	172	--	--	--
1959	(301)	(822)	(104)	--	--	--
1960-61	--	--	--	--	--	--
1962	17,282	50,786	7,735	--	--	--
1963	3,073	10,059	1,447	--	--	--
1964	5,565	15,967	2,305	--	--	--
1965	5,155	16,794	2,537	45,827	4,583	764
1966	2,479	7,053	1,379	--	--	--
1967	2,585	7,753	357	--	--	--
1968	26	77	9	--	--	--
1969-70	--	--	--	--	--	--
1971	82,307	284,755	47,459	204,110	37,247	6,208
1972	47,254	162,419	27,070	798,517	146,613	24,469
1973	50,503	210,403	28,520	872,124	175,775	29,296
1974	44,852	359,159	30,554	1,041,504	236,261	39,377
1975	104,455	1,101,975	55,237	1,278,232	664,756	110,769
1976	132,059	1,488,799	94,658	1,042,513	581,055	96,643
1977	67,303	595,869	59,534	735,540	536,966	89,828
1978	50,537	586,025	68,352	687,724	963,696	160,616
1979	79,508	1,441,291	172,537	457,467	505,053	84,181
TOTALS	701,553	6,452,289	602,427	7,363,638	3,854,216	642,371

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEBRASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS L L S I ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	833,159	55,841	3,575	--	--	--
1972	2,302,198	153,312	10,846	--	--	--
1973	2,577,550	192,771	13,387	--	--	--
1974	4,382,301	535,580	47,604	--	--	--
1975	2,883,220	302,263	25,678	8,746	2,187	364
1976	1,967,319	214,506	18,222	--	--	--
1977	1,843,303	297,896	25,306	--	--	--
1978	1,405,117	366,158	24,537	--	--	--
1979	933,733	315,910	24,657	109,462	197,449	22,908
TOTALS	19,144,500	2,434,237	193,952	118,208	199,636	23,272

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEBRASKA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

1956	4,973	12,550	1,599
1957	--	--	--
1958	513	1,377	172
1959	(301)	(622)	(104)
1960-61	--	--	--
1962	17,282	50,786	7,735
1963	3,076	10,059	1,447
1964	5,565	15,957	2,805
1965	50,982	11,377	3,351
1966	2,479	7,053	1,379
1967	2,685	7,753	857
1968	26	77	9
1969-70	--	--	--
1971	1,125,076	377,645	57,342
1972	3,147,969	462,544	62,315
1973	3,500,377	575,949	71,203
1974	5,469,237	1,131,000	117,545
1975	4,274,662	2,071,151	192,068
1976	3,141,901	2,284,361	209,722
1977	2,651,646	1,532,731	174,668
1978	2,344,478	1,915,679	253,565
1979	1,585,270	2,459,713	314,283
TOTALS	27,327,899	12,940,378	1,472,032

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEBRASKA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	23,358	80,671	5,042	50,239	5,723	358
1961	3,735	10,757	550	55,135	5,243	390
1962	4,793	12,416	792	131,897	17,500	752
1963	1,155	3,126	225	142,415	16,350	1,720
1964	3,000	7,557	945	16,908	1,935	242
1965	1,772	5,482	544	18,691	2,140	266
1966	2,053	5,316	321	32,946	3,811	476
1967	17,475	36,459	1,585	16,264	2,092	262
1968	4,177	10,990	1,374	31,844	3,845	481
1969	2,540	7,059	832	34,342	4,154	521
1970	1,788	5,062	533	31,812	3,853	482
1971	1,215	3,707	453	19,681	2,411	301
1972	10,323	31,876	3,934	18,930	2,208	401
1973	1,575	6,031	754	28,030	5,554	742
1974	2,738	19,743	2,458	13,732	2,970	371
1975	(434)	(8,361)	(1,045)	237	(179)	(22)
1976	529	2,727	341	--	--	--
1977	495	3,562	445	--	--	--
1978	317	3,971	496	--	--	--
1979	354	9,154	1,145	--	--	--
TOTALS	83,329	257,315	22,154	643,303	62,006	7,745

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEBRASKA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1960	--	--	--	78,597	86,394	5,400
1961	--	--	--	58,870	17,000	1,050
1962	--	--	--	136,690	29,916	1,544
1963	--	--	--	143,580	19,476	1,945
1964	--	--	--	19,908	9,493	1,167
1965	--	--	--	20,663	7,622	912
1966	--	--	--	35,009	9,127	797
1967	--	--	--	33,739	38,551	1,147
1968	--	--	--	36,021	14,835	1,855
1969	--	--	--	36,682	11,223	1,402
1970	--	--	--	33,600	6,920	1,115
1971	--	--	--	21,096	6,118	764
1972	--	--	--	29,753	55,084	4,385
1973	--	--	--	29,705	11,955	1,496
1974	1,136	238	30	17,706	22,951	2,869
1975	(1,136)	(238)	(30)	(1,383)	(8,778)	(1,097)
1976	--	--	--	525	2,727	341
1977	--	--	--	496	3,552	445
1978	--	--	--	317	3,971	496
1979	--	--	--	354	9,154	1,145
TOTALS	0	0	0	732,132	339,321	29,899

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

NEBRASKA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	27,053	71,986	10,670	--	--	--
1953	4,513	12,946	1,974	--	--	--
1954	1,299	3,776	575	--	--	--
1955-65	--	--	--	--	--	--
1966	--	--	--	161,144	16,114	2,686
1967	--	--	--	208,255	20,825	3,471
1968	1,537	4,330	729	209,426	20,552	3,422
1969	1,056	3,219	484	137,573	13,517	2,253
1970	745	2,304	343	57,776	5,665	544
1971	292	998	138	34,031	3,540	556
1972	1,216	4,154	594	22,182	2,175	362
1973	583	2,190	326	15,097	1,480	247
1974	516	2,576	380	11,466	1,124	187
1975	429	2,166	327	9,710	4,118	686
1976	247	1,982	307	2,051	745	124
1977	--	--	--	1,839	577	96
1978	--	--	--	--	--	--
1979	--	--	--	116	53	6
TOTALS	39,686	113,127	16,897	870,970	90,251	15,041

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

NEBRASKA

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	27,053	71,986	10,670
1953	4,613	12,946	1,974
1954	1,299	3,775	575
1955-65	--	--	--
1956	161,144	16,114	2,086
1957	208,255	20,825	3,471
1958	211,063	25,352	4,151
1959	138,929	15,735	2,737
1970	58,523	7,559	1,207
1971	34,323	4,338	744
1972	23,398	6,529	957
1973	15,680	3,670	573
1974	11,984	3,700	567
1975	10,139	6,254	1,013
1976	2,298	2,723	431
1977	1,539	577	96
1978	--	--	--
1979	116	35	6
TOTALS	910,656	203,373	31,936

OIL AND GAS OPERATIONS

NEVADA

ALL LANDS

PUBLIC LANDS ONLY

<----- O I L ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	31,180	79,148	4,484	31,180	79,148	4,484
1955	60,534	153,179	8,776	60,684	153,179	8,776
1956	60,257	152,064	13,015	60,257	152,064	13,015
1957	38,431	106,802	8,315	38,431	106,802	8,315
1958	35,413	61,265	7,658	35,413	61,265	7,658
1959	30,075	52,026	6,503	30,075	52,026	6,503
1960	24,369	42,142	5,247	24,369	42,142	5,247
1961	150,222	262,920	32,865	150,222	262,920	32,865
1962	136,801	241,311	30,164	136,801	241,311	30,164
1963	96,478	142,215	17,592	96,478	142,215	17,592
1964	237,123	329,413	41,052	237,123	329,413	41,052
1965	205,039	278,422	34,803	205,039	278,422	34,803
1966	286,146	361,706	45,220	286,146	361,706	45,220
1967	274,241	371,755	46,469	274,241	371,755	46,469
1968	269,392	429,500	53,688	269,392	429,500	53,688
1969	238,647	382,317	47,790	238,647	382,317	47,790
1970	149,092	257,423	32,178	149,092	257,423	32,178
1971	107,301	209,328	26,166	107,301	209,328	26,166
1972	98,936	193,403	24,175	98,936	193,403	24,175
1973	91,865	198,922	24,865	91,865	198,922	24,865
1974	131,600	735,568	91,946	131,600	735,568	91,946
1975	111,243	740,360	92,545	111,243	740,360	92,545
1976	138,795	959,605	119,951	138,795	959,605	119,951
1977	647,382	6,340,701	792,538	647,382	6,340,701	792,538
1978	1,157,846	10,882,594	1,360,324	1,157,846	10,882,594	1,360,324
1979	1,233,681	13,315,501	1,726,938	1,233,681	13,315,501	1,726,938
TOTALS	5,042,259	37,778,590	4,695,317	5,042,259	37,778,590	4,695,317

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	190,905,938	292,207,050	27,535,168	692,030,848	51,834,513	3,986,951
1953	14,413,141	35,456,129	4,039,363	147,887,941	13,415,923	1,409,300
1954	14,149,253	35,976,838	4,225,956	187,293,781	20,231,621	2,274,828
1955	15,183,186	40,920,698	4,882,735	195,443,989	21,583,194	2,468,877
1956	13,283,538	46,215,775	5,614,037	237,620,976	26,136,131	2,993,088
1957	20,222,259	56,166,199	6,935,706	329,709,115	37,557,774	4,404,347
1958	25,153,245	72,932,447	8,646,899	338,243,200	36,934,430	4,607,286
1959	30,440,727	83,921,960	10,111,526	337,754,255	39,958,340	4,964,858
1960	37,472,564	102,575,226	12,558,193	381,432,992	46,898,615	5,877,922
1961	42,023,256	115,392,845	14,243,912	381,485,988	48,097,719	5,984,783
1962	39,787,751	110,532,462	13,616,729	369,237,815	47,265,353	5,859,076
1963	39,485,952	109,363,937	13,705,036	397,611,299	51,707,511	6,412,783
1964	39,679,730	109,363,661	13,629,715	459,390,742	61,341,620	7,662,954
1965	43,743,826	120,663,733	15,256,400	507,883,537	68,887,296	8,541,525
1966	43,685,425	119,911,978	15,164,904	577,240,029	87,165,091	9,882,012
1967	43,950,152	123,548,606	15,641,407	656,323,158	79,105,457	9,910,521
1968	40,280,036	114,055,289	14,393,876	692,417,350	97,493,925	12,180,464
1969	41,355,372	123,587,011	15,548,425	626,699,877	91,084,552	11,436,496
1970	44,285,973	136,680,537	17,300,757	632,214,615	95,246,948	11,925,165
1971	41,502,252	135,114,178	16,947,579	655,799,302	100,508,162	12,587,182
1972	37,120,357	123,314,463	15,234,554	634,750,431	119,970,653	14,978,953
1973	31,833,367	125,378,793	15,461,069	639,081,973	148,906,344	18,624,731
1974	35,821,525	246,913,004	31,328,336	748,217,073	205,039,480	25,977,826
1975	29,468,228	245,097,118	31,504,044	663,212,461	230,238,372	28,927,937
1976	31,951,133	276,312,197	35,198,330	745,368,018	375,398,955	47,157,600
1977	29,783,153	264,240,582	33,773,749	696,395,286	562,163,451	71,128,105
1978	25,881,052	291,077,429	37,270,144	686,326,538	703,812,455	88,765,876
1979	27,939,541	407,091,669	51,222,160	664,584,198	968,515,273	121,595,759
TOTALS	1,077,813,798	4,065,711,815	500,991,029	14,281,656,787	4,436,515,438	552,529,207

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

<--- GASOLINE AND LFG --->

<----- SULFUR ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	400,950,986	22,998,019	882,705	306	7,346	459
1953	65,037,245	4,592,917	145,233	--	--	--
1954	67,733,405	4,520,189	98,435	323	7,766	465
1955	74,980,987	4,373,278	103,056	--	--	--
1956	80,383,784	5,441,921	136,333	--	--	--
1957	89,085,138	6,047,031	171,635	--	--	--
1958	90,210,703	4,747,410	196,574	--	--	--
1959	101,645,173	5,087,917	213,134	--	--	--
1960	159,605,225	7,250,141	308,558	--	--	--
1961	197,941,422	8,122,191	343,177	656	9,291	387
1962	225,351,922	8,480,060	372,040	2,542	30,486	1,308
1963	215,803,797	8,598,655	367,595	1,623	20,117	855
1964	229,179,429	8,994,785	388,375	1,953	21,654	933
1965	213,580,555	8,399,077	382,309	1,760	21,461	921
1966	227,573,100	10,533,773	456,576	7,333	46,642	2,001
1967	338,893,458	11,381,411	482,307	6,041	105,725	7,705
1968	171,627,051	11,500,592	532,490	11,139	198,304	15,412
1969	245,253,559	9,034,179	386,799	6,545	82,241	5,708
1970	250,555,302	12,489,405	535,335	10,245	55,501	4,584
1971	261,381,383	13,286,942	570,151	11,988	54,083	4,000
1972	231,419,331	12,125,660	523,199	74,810	45,053	3,452
1973	253,033,456	15,210,024	692,730	(50,720)	43,070	2,800
1974	237,657,724	24,324,520	1,073,126	10,869	100,306	5,302
1975	181,195,412	20,051,578	946,305	5,780	120,640	7,055
1976	174,821,234	26,378,074	1,237,632	6,420	132,214	15,577
1977	9,717,384	29,189,404	1,416,102	6,862	229,597	8,832
1978	201,453,714	33,757,101	1,553,833	(848,128)	500,093	25,688
1979	107,175,637	22,956,893	1,018,902	287,674	106,725	1,688
TOTALS	5,103,243,542	363,282,247	15,536,568	448,933	1,971,837	117,960

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	1,252	8,324	1,057	103,371	41,054	5,296
1976	192	2,010	241	140,088	24,439	10,571
1977	779	3,526	372	189,778	135,383	17,445
1978	350	4,221	511	239,045	220,145	65,942
1979	41	1,023	128	(58,712)	13,929	15,175
TOTALS	2,514	24,604	2,919	613,570	417,976	112,129

OIL AND GAS OPERATIONS

ALL LANDS

NEW MEXICO

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(1)	ROYALTY VALUE(1)
PRIOR	1,283,887,970	367,046,928	32,405,293
1953	228,338,327	53,564,969	5,593,946
1954	269,176,778	60,845,414	5,599,784
1955	286,608,162	67,477,170	7,454,669
1956	336,293,598	77,793,827	8,744,006
1957	439,017,522	99,771,004	11,511,746
1958	453,607,353	114,614,287	13,450,761
1959	469,541,155	128,969,217	15,299,568
1960	578,511,781	156,523,982	18,744,673
1961	621,451,362	172,522,046	20,572,259
1962	634,380,030	166,408,363	19,849,153
1963	652,902,681	176,190,220	20,486,319
1964	728,251,904	179,722,120	21,682,477
1965	765,209,688	198,471,537	24,181,655
1966	848,506,886	217,772,484	25,505,495
1967	1,039,177,519	214,642,199	26,041,940
1968	904,335,626	223,248,110	27,123,742
1969	913,315,453	223,788,013	27,378,428
1970	927,066,635	244,475,391	29,765,651
1971	958,675,425	248,983,365	30,109,020
1972	903,365,929	255,455,859	30,740,258
1973	923,898,086	290,538,231	34,781,380
1974	1,021,707,291	476,877,410	58,385,640
1975	873,937,510	495,556,936	61,391,704
1976	952,287,135	678,288,919	83,626,001
1977	735,098,252	855,966,956	106,345,205
1978	914,052,581	1,029,401,444	127,663,044
1979	799,928,429	1,398,588,512	173,856,512
TOTALS	20,462,881,378	8,867,983,963	1,069,299,812

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	187,780,090	235,566,256	26,842,557	632,128,168	48,075,303	3,517,172
1953	14,290,440	35,097,063	3,994,480	136,215,382	12,532,360	1,298,855
1954	14,001,954	35,542,781	4,171,709	174,065,447	18,995,633	2,120,454
1955	15,009,707	40,411,878	4,819,132	182,421,011	20,236,334	2,300,078
1956	17,913,238	45,205,579	5,487,865	222,059,860	24,440,796	2,780,988
1957	19,449,258	54,050,655	6,671,263	302,169,043	34,411,010	4,010,924
1958	22,565,808	65,324,964	7,747,598	295,978,716	32,039,696	3,995,350
1959	24,515,594	68,271,382	8,144,776	294,899,708	34,574,245	4,290,664
1960	30,457,213	84,329,585	10,262,911	337,672,102	41,012,812	5,176,495
1961	35,565,025	99,157,145	12,087,256	338,956,054	42,577,581	5,304,823
1962	35,319,230	98,900,683	12,145,004	333,031,053	42,621,586	5,275,552
1963	35,385,785	99,331,722	12,366,799	359,286,735	46,545,840	5,779,420
1964	35,363,972	98,317,464	12,205,905	412,337,650	54,861,971	6,855,082
1965	37,855,990	105,292,556	13,225,617	452,819,411	61,607,504	7,630,047
1966	33,041,127	105,021,142	13,167,653	517,396,902	79,175,029	8,869,699
1967	38,592,577	109,235,320	13,716,618	593,740,570	70,823,286	8,859,799
1968	35,727,249	101,615,573	12,697,491	628,327,223	83,491,849	11,039,268
1969	33,009,359	114,093,326	14,257,104	564,523,483	82,574,115	10,359,855
1970	40,991,577	127,255,865	16,015,225	561,423,094	84,853,408	10,605,268
1971	37,933,298	124,547,589	15,447,535	590,436,333	90,919,574	11,372,262
1972	34,329,952	114,472,896	14,003,386	565,840,632	107,763,088	13,438,051
1973	29,093,111	114,363,197	13,842,202	580,451,597	135,255,303	16,885,103
1974	32,179,319	221,037,407	27,458,705	685,918,135	186,393,563	23,585,480
1975	25,610,101	218,077,883	27,402,407	607,709,974	210,115,495	26,271,836
1976	29,843,670	256,047,812	32,283,219	683,307,246	339,317,495	42,466,067
1977	27,761,717	243,500,147	30,842,347	638,466,460	500,145,316	62,564,996
1978	24,835,974	257,265,260	33,820,550	631,957,264	635,478,742	79,483,390
1979	25,673,891	366,975,026	45,660,543	608,759,658	869,701,039	108,697,160
TOTALS	985,108,256	3,699,908,256	450,790,544	12,932,298,911	3,996,070,476	494,829,238

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

<--- GASOLINE AND LFG --->

<----- SULFUR ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	387,493,615	22,432,907	812,058	--	--	--
1953	65,751,351	4,573,406	143,469	--	--	--
1954	67,681,901	4,625,792	98,061	--	--	--
1955	74,980,987	4,973,276	103,056	--	--	--
1956	80,383,984	5,441,921	136,833	--	--	--
1957	89,085,138	6,047,031	171,695	--	--	--
1958	90,210,908	4,747,410	196,574	--	--	--
1959	101,645,173	5,087,917	213,134	--	--	--
1960	149,802,315	6,915,028	294,530	--	--	--
1961	178,011,252	7,482,411	315,506	--	--	--
1962	209,118,115	7,999,068	351,959	096	9,231	387
1963	204,083,205	8,231,284	352,299	2,542	30,458	1,308
1964	224,365,105	8,356,005	383,104	1,623	20,117	855
1965	209,823,736	8,794,519	378,452	1,953	21,854	933
1966	225,560,817	10,568,648	453,853	1,760	21,431	921
1967	337,741,159	11,335,548	480,356	2,333	41,642	2,001
1968	170,791,297	11,472,059	531,303	0,041	105,725	7,705
1969	244,784,355	9,018,824	386,159	11,139	195,304	15,412
1970	250,293,545	12,481,665	535,012	6,545	82,241	5,700
1971	260,701,440	13,263,730	569,193	10,245	55,501	4,304
1972	231,087,084	12,113,135	522,667	11,988	54,053	4,008
1973	252,803,773	15,200,843	692,351	74,010	45,053	3,452
1974	237,451,537	24,315,265	1,072,723	(50,720)	40,070	2,800
1975	180,533,041	19,911,268	940,333	10,869	100,306	6,302
1976	174,329,350	25,756,101	1,204,227	5,786	120,040	7,055
1977	8,530,914	29,092,333	1,409,356	0,420	133,214	15,577
1978	201,373,531	33,754,262	1,553,904	6,862	229,597	8,832
1979	107,105,231	22,941,232	1,018,251	(848,128)	530,093	25,688
				267,674	105,725	1,668
TOTALS	5,015,549,792	359,537,936	15,322,100	449,562	1,956,775	117,016

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	1,088	7,712	928	86,537	32,220	4,011
1976	192	2,010	241	100,160	43,612	13,186
1977	779	8,526	972	163,034	97,380	12,212
1978	350	4,221	511	177,429	162,021	56,823
1979	34	937	117	(36,134)	18,002	2,250
TOTALS	2,443	23,406	2,759	491,026	353,235	89,182

OIL AND GAS OPERATIONS

PUBLIC LANDS

NEW MEXICO

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	1,207,401,874	357,175,406	31,171,797
1953	216,257,183	52,307,829	5,435,604
1954	255,749,312	59,165,206	6,390,224
1955	273,411,705	65,623,490	7,222,266
1956	320,357,082	75,088,296	8,405,737
1957	410,704,439	94,508,696	10,853,882
1958	408,755,432	102,512,070	11,939,522
1959	421,062,475	107,933,544	12,048,624
1960	517,932,131	122,557,425	15,733,906
1961	552,534,037	149,326,420	17,708,572
1962	577,470,940	149,551,825	17,774,823
1963	598,757,348	154,228,955	18,499,373
1964	672,073,660	162,057,294	19,446,026
1965	700,501,097	175,716,010	21,235,037
1966	781,001,179	194,512,461	22,493,210
1967	970,090,347	191,999,881	23,004,480
1968	934,656,908	201,777,885	24,284,474
1969	647,324,263	205,768,507	25,009,820
1970	852,723,461	224,649,459	27,164,989
1971	989,083,099	220,784,982	27,393,048
1972	881,344,488	234,414,172	27,967,558
1973	862,302,761	265,802,913	31,422,486
1974	955,560,010	432,346,561	52,123,210
1975	814,940,527	448,205,638	54,625,570
1976	887,587,548	621,300,244	75,983,217
1977	674,929,766	773,074,299	94,839,715
1978	857,501,420	937,194,599	114,940,976
1979	741,790,354	1,259,742,951	155,380,109
TOTALS	18,924,000,866	8,057,850,084	961,160,949

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	--	--	--	--	--	181
1957	--	--	--	--	--	76
1958	--	--	--	--	--	92
1959	--	--	--	--	--	66
1960	--	--	--	--	--	60
1961	--	--	--	--	--	113
1962	21	38	5	7,527	1,160	146
1963	4,153	11,469	719	5,458	711	89
1964	36	86	11	7,754	1,047	131
1965	16	39	5	6,862	961	120
1966	9	20	3	5,621	775	57
1967	26	65	8	4,875	693	117
1968	1,917	5,554	694	59,909	9,073	1,135
1969	2,941	9,475	1,134	78,706	12,013	1,502
1970	1,539	5,084	535	53,966	8,237	1,030
1971	349	2,970	371	2,986	439	55
1972	279	973	122	61,567	9,832	1,229
1973	104	407	51	6,966	1,541	193
1974	9	57	7	5,895	1,453	182
1975	3,919	46,352	5,734	326,659	203,658	25,457
1976	4,356	41,262	5,158	566,188	529,926	78,098
1977	4,495	53,320	6,655	681,426	1,110,514	138,812
1978	3,778	48,614	5,070	526,137	865,749	108,344
1979	2,100	28,664	3,583	332,321	554,694	81,837
TOTALS	30,557	254,449	31,035	2,740,823	3,513,481	439,162

OIL AND GAS OPERATIONS

ACQUIRED LANDS

NEW MEXICO

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	0	0	181
1957	0	0	76
1958	0	0	92
1959	0	0	66
1960	0	0	60
1961	0	0	113
1962	7,548	1,198	151
1963	9,621	12,190	808
1964	7,790	1,123	142
1965	6,878	1,000	125
1966	5,630	795	100
1967	4,901	752	125
1968	61,826	14,632	1,829
1969	81,647	21,488	2,686
1970	55,505	15,321	1,665
1971	3,835	3,409	426
1972	61,846	10,805	1,351
1973	7,070	1,948	244
1974	5,904	1,510	189
1975	330,578	250,010	31,251
1976	570,544	571,138	83,256
1977	685,921	1,163,834	145,477
1978	529,915	915,363	114,414
1979	334,421	583,353	85,420
TOTALS	2,771,380	3,767,930	470,247

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,125,818	5,540,794	692,601	59,902,680	3,758,210	469,779
1953	122,701	359,066	44,883	11,672,559	883,563	110,445
1954	147,304	434,057	54,257	13,228,334	1,234,988	154,374
1955	173,179	508,820	63,603	13,022,978	1,344,850	168,799
1956	375,400	1,010,196	126,171	15,561,116	1,595,335	211,919
1957	773,011	2,115,544	264,443	27,540,072	3,146,754	393,247
1958	2,587,437	7,107,483	899,301	42,264,484	4,894,734	611,846
1959	5,924,133	15,550,578	1,966,750	42,854,547	5,284,095	674,120
1960	7,015,351	18,345,641	2,295,232	43,760,890	5,525,803	701,367
1961	5,457,231	17,235,700	2,156,656	42,529,934	5,420,158	679,647
1962	4,463,500	11,731,741	1,471,720	36,199,235	4,542,607	582,370
1963	4,096,014	10,520,746	1,337,568	38,319,106	5,060,960	633,274
1964	4,310,772	11,046,111	1,422,795	47,045,338	6,478,802	807,741
1965	5,887,320	15,371,138	2,030,778	55,057,264	7,278,831	911,358
1966	5,645,290	14,390,816	1,997,238	59,837,506	8,003,287	1,012,216
1967	5,357,559	14,313,221	1,924,781	62,577,713	8,282,476	1,050,605
1968	4,550,920	12,434,062	1,695,691	64,030,218	8,992,998	1,140,061
1969	3,343,062	9,484,210	1,290,137	62,097,688	8,498,453	1,075,139
1970	3,292,857	9,419,588	1,283,907	70,737,555	10,385,303	1,314,767
1971	3,563,105	10,563,619	1,499,723	65,359,983	9,588,149	1,214,865
1972	2,790,616	8,340,594	1,231,144	68,848,232	12,177,753	1,529,673
1973	2,735,152	11,015,189	1,618,316	58,623,410	13,549,000	1,729,435
1974	3,642,297	25,375,540	3,869,674	62,293,043	18,544,454	2,392,164
1975	2,854,208	26,972,883	4,095,813	55,175,828	19,915,219	2,630,644
1976	2,103,107	20,223,123	2,909,953	61,494,584	35,451,544	4,613,435
1977	2,021,951	20,687,116	2,924,237	57,247,400	60,906,631	8,424,297
1978	2,041,310	23,763,555	3,443,414	53,843,137	67,466,954	9,175,142
1979	2,263,550	40,067,979	5,557,934	55,492,219	98,159,510	12,817,762
TOTALS	91,674,985	365,549,110	50,169,300	1,346,617,053	436,931,431	57,250,807

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- SULFUR ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	13,457,270	565,112	70,547	300	7,346	459
1953	285,384	14,511	1,814	--	--	--
1954	51,505	3,397	424	323	7,766	465
1955-59	--	--	--	--	--	--
1960	9,803,409	335,113	13,978	--	--	--
1961	19,930,150	539,780	26,571	--	--	--
1962	15,233,307	480,992	20,031	--	--	--
1963	11,720,592	367,371	15,296	--	--	--
1964	4,814,324	138,780	5,771	--	--	--
1965	3,755,529	104,558	4,357	--	--	--
1966	2,017,233	65,125	2,725	--	--	--
1967	1,157,299	45,863	1,949	--	--	--
1968	835,754	28,533	1,157	--	--	--
1969	463,793	15,355	540	--	--	--
1970	257,257	7,740	323	--	--	--
1971	660,403	23,206	958	--	--	--
1972	320,747	12,525	532	--	--	--
1973	229,593	9,181	339	--	--	--
1974	205,037	9,335	403	--	--	--
1975	663,371	140,290	5,972	--	--	--
1976	491,424	521,973	33,455	--	--	--
1977	185,470	97,071	6,246	--	--	--
1978	75,183	2,839	(21)	--	--	--
1979	70,455	15,561	551	--	--	--
TOTALS	87,693,750	3,744,311	214,458	629	15,112	944

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	154	1,112	139	16,834	8,634	1,285
1976	--	--	--	39,928	20,847	2,605
1977	--	--	--	26,744	38,005	5,233
1978	--	--	--	61,616	58,124	9,110
1979	7	86	11	(22,578)	(1,073)	14,625
TOTALS	171	1,198	150	122,544	124,737	22,947

OIL AND GAS OPERATIONS

INDIAN LANDS

NEW MEXICO

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	76,486,104	9,871,462	1,233,486
1953	12,081,144	1,257,140	157,147
1954	13,427,466	1,580,208	209,540
1955	13,196,457	1,353,680	232,402
1956	15,936,516	2,705,531	338,090
1957	28,313,083	5,262,206	657,790
1958	44,851,921	12,002,217	1,511,147
1959	48,778,680	21,034,673	2,640,676
1960	60,579,650	24,266,557	3,010,627
1961	68,917,325	23,295,618	2,863,174
1962	56,901,542	16,855,340	2,074,179
1963	54,135,712	15,549,077	1,986,138
1964	56,170,434	17,663,693	2,236,307
1965	64,701,712	22,754,527	2,946,493
1966	67,500,079	22,959,223	3,012,179
1967	69,092,571	22,641,560	2,977,335
1968	69,416,892	21,455,573	2,836,839
1969	65,909,542	17,598,018	2,365,916
1970	74,287,669	19,812,031	2,598,997
1971	69,588,491	20,174,974	2,715,556
1972	71,959,595	21,030,852	2,771,349
1973	61,588,255	24,573,370	3,358,650
1974	66,141,377	44,529,359	6,262,241
1975	58,710,405	47,036,338	6,753,883
1976	64,129,043	56,217,437	7,559,528
1977	59,482,565	61,728,823	11,360,013
1978	56,021,246	91,291,452	12,627,654
1979	57,803,654	138,262,193	18,390,983
TOTALS	1,526,109,132	806,365,949	107,668,616

OIL AND GAS OPERATIONS

ALL LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,491	2,491	299	4,712,412	356,550	26,216
1953	7,340	19,027	1,313	291,447	26,814	1,624
1954	204,449	496,759	54,296	274,470	29,746	1,693
1955	471,038	1,280,344	161,705	392,435	43,557	2,727
1956	723,957	2,113,196	246,498	411,050	47,815	2,684
1957	1,032,029	3,228,204	360,215	652,004	99,688	3,953
1958	1,404,121	4,259,081	470,544	1,149,632	58,512	5,255
1959	1,420,722	4,173,376	469,034	1,209,718	76,601	5,700
1960	1,823,453	5,230,490	577,104	2,174,048	139,452	14,591
1961	2,363,505	6,460,068	697,016	3,760,722	205,504	14,821
1962	2,764,131	7,490,955	781,530	1,036,082	73,575	16,495
1963	2,915,838	7,731,388	855,452	2,453,843	217,976	24,577
1964	2,721,394	7,118,874	856,812	2,793,594	198,963	23,518
1965	2,811,423	7,472,168	869,012	2,702,782	180,932	20,894
1966	3,305,859	3,478,156	1,011,353	3,231,455	235,928	27,169
1967	3,787,834	9,591,435	1,025,128	3,621,905	275,935	32,794
1968	3,115,541	8,211,346	951,870	4,057,692	266,606	32,631
1969	2,497,321	6,681,743	763,976	3,110,951	206,268	24,960
1970	2,080,509	5,792,808	689,332	2,244,702	145,771	17,616
1971	2,181,330	5,587,789	787,043	2,108,492	205,125	24,663
1972	2,162,092	6,553,505	779,650	1,622,591	227,614	27,706
1973	2,317,513	9,356,239	1,005,416	1,021,685	116,101	14,146
1974	2,503,932	15,521,185	1,841,519	998,518	144,603	17,136
1975	2,875,982	22,485,200	3,022,292	854,636	319,673	38,661
1976	3,018,730	24,623,405	3,351,845	896,626	315,222	35,513
1977	2,974,014	25,044,338	3,130,618	1,087,152	475,463	57,970
1978	3,118,976	27,957,762	3,398,817	957,426	444,242	51,331
1979	4,450,547	64,532,211	7,877,953	1,249,980	977,022	112,523
TOTALS	61,073,525	297,592,543	36,038,262	51,278,051	6,120,538	686,697

OIL AND GAS OPERATIONS

ALL LANDS

N. DAKOTA

<--- GASOLINE AND LPG --->

<----- SULFUR ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	5,455,599	119,970	4,052	1,880	34,621	592
1962	(1,922,539)	49,099	1,356	(690)	(7,566)	89
1963	352,513	16,222	305	109	1,672	30
1964	(27,398)	(1,307)	(26)	(136)	(1,910)	(2)
1965	120,593	6,590	198	1	7	1
1966	60,535	3,428	126	--	--	--
1967	55,347	3,018	119	--	--	--
1968	85,772	4,090	170	--	--	--
1969	19,331	822	34	--	--	--
1970-71	--	--	--	--	--	--
1972	1,353,300	69,328	7,226	140	1,247	22
1973	1,389,017	51,776	22	116	550	94
1974	3,632,797	1,248,723	118,046	913	10,291	253
1975	2,284,323	357,093	14,702	6,053	15,056	441
1976	2,563,574	506,017	21,305	542	9,350	233
1977	2,498,956	379,983	15,551	545	7,951	172
1978	1,295,019	142,846	5,887	57	192	16
1979	1,777,278	211,646	7,938	288	197	12
TOTALS	21,001,429	3,198,746	197,621	10,618	73,108	1,953

OIL AND GAS OPERATIONS

ALL LANDS

N.DAKOTA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	1,951	11,963	1,296	102,229	53,178	5,647
1976	213	1,153	143	713,007	541,930	52,122
1977	102	545	56	796,257	1,238,579	142,058
1978	297	1,466	156	439,640	545,732	75,285
1979	2,013	32,407	3,790	219,513	241,627	15,047
TOTALS	4,591	47,534	5,441	2,270,646	2,722,096	305,159

OIL AND GAS OPERATIONS

ALL LANDS

N.DAKOTA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

4,714,902

298,787

478,919

863,472

1,140,007

1,884,032

2,553,753

2,630,440

3,997,501

11,587,901

1,676,935

5,723,302

5,486,954

5,634,504

6,597,999

7,666,086

7,259,105

5,627,653

4,325,311

4,289,822

5,138,123

4,727,331

7,141,160

6,127,484

7,197,797

7,357,036

5,812,415

7,659,719

359,041

44,841

526,505

1,323,931

2,161,011

3,327,892

4,317,593

4,249,977

5,269,942

6,820,153

7,506,053

7,967,256

7,314,620

7,559,697

8,717,512

9,271,495

8,484,042

6,588,833

5,935,579

6,795,914

6,851,194

3,555,073

16,924,802

23,243,593

26,000,127

27,146,769

29,193,240

66,095,110

26,515

3,457

55,989

164,432

249,182

364,168

477,029

477,734

591,695

716,481

799,480

880,874

880,302

890,105

1,036,618

1,053,041

984,671

785,970

705,948

811,706

814,004

1,019,678

1,975,954

3,064,029

3,474,161

3,346,535

3,534,492

8,018,262

TOTALS

135,638,859

309,754,555

37,235,133

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,491	2,491	299	4,712,412	356,550	26,216
1953	7,340	18,027	1,313	291,447	26,814	1,624
1954	71,867	182,428	20,336	251,654	27,464	1,408
1955	141,934	358,271	54,761	330,819	36,702	1,920
1956	159,219	401,803	59,792	344,745	37,944	1,990
1957	154,456	429,270	55,772	312,908	35,634	1,712
1958	197,665	585,492	67,633	372,533	18,838	2,123
1959	195,787	594,724	63,160	381,234	20,129	2,279
1960	273,975	755,863	89,419	490,497	24,345	2,756
1961	591,431	1,493,503	140,688	1,027,715	54,972	3,980
1962	1,069,239	2,530,671	251,755	202,516	11,563	3,671
1963	1,278,304	3,096,408	322,955	643,999	46,467	4,866
1964	1,097,662	2,709,903	291,557	782,284	48,463	5,649
1965	1,026,036	2,503,135	274,509	709,047	42,643	4,659
1966	1,082,430	2,641,590	299,721	702,049	41,118	4,575
1967	1,209,140	2,979,815	338,938	618,080	39,663	4,661
1968	1,124,910	2,848,048	299,141	601,317	36,919	4,325
1969	919,323	2,434,466	247,009	504,587	29,562	3,529
1970	701,113	1,913,760	217,426	463,459	25,269	2,992
1971	780,255	2,321,733	263,413	402,021	26,115	4,285
1972	779,275	2,328,234	262,871	319,996	24,297	4,199
1973	916,061	3,339,650	387,191	359,645	24,610	2,906
1974	1,153,536	7,691,473	886,892	380,420	28,097	3,279
1975	1,341,519	11,438,768	1,498,433	370,472	81,939	9,553
1976	1,508,849	13,336,290	1,713,021	440,325	151,606	18,253
1977	1,268,525	10,673,370	1,228,592	457,626	174,143	20,735
1978	1,313,921	11,393,680	1,276,759	401,952	129,509	14,903
1979	1,777,587	29,366,313	3,566,818	436,406	227,956	25,840
TOTALS	22,149,750	120,469,179	14,181,374	17,312,167	1,844,603	169,518

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

<--- GASOLINE AND LPG --->

<----- SULFUR ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	3,800,112	22,757	1,923	1,256	20,595	278
1962	(2,775,313)	12,841	325	(054)	(10,426)	36
1963	217,130	9,991	280	51	605	12
1964-67	--	--	--	--	--	--
1968	(33)	(2)	--	--	--	--
1969-71	--	--	--	--	--	--
1972	125,038	6,277	261	51	455	8
1973	129,044	6,948	735	48	416	43
1974	360,230	184,273	19,417	144	1,615	36
1975	317,353	47,565	2,008	127	2,152	46
1976	549,345	103,297	4,513	68	1,211	23
1977	311,484	49,966	2,052	82	381	17
1978	85,334	12,758	664	12	41	1
1979	300,417	57,187	1,995	33	57	1
TOTALS	3,429,147	518,968	34,203	1,018	17,990	501

OIL AND GAS OPERATIONS

PUBLIC LANDS

N.DAKOTA

<----- O I L L O S T ----->

<----- G A S L O S T ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	1,356	11,364	1,217	42,723	22,225	2,778
1976	55	365	44	543,536	392,409	46,047
1977	63	329	39	494,953	769,483	89,527
1978	297	1,466	156	217,234	274,252	32,793
1979	1,277	16,728	1,830	122,350	100,319	11,860
TOTALS	3,553	30,252	3,286	1,420,796	1,558,658	180,025

OIL AND GAS OPERATIONS

PUBLIC LANDS

N. DAKOTA

< TOTAL ALL PRODUCTS >

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	4,714,903	359,041	25,515
1953	298,787	44,841	3,437
1954	323,521	209,892	22,344
1955	472,753	354,973	56,061
1956	503,964	439,747	61,782
1957	467,374	464,904	57,484
1958	570,198	604,350	69,800
1959	577,021	614,853	65,459
1960	764,472	780,208	92,175
1961	5,420,564	1,591,027	146,869
1962	(1,505,912)	2,544,649	255,787
1963	2,139,484	3,150,471	325,133
1964	1,879,946	2,755,336	297,216
1965	1,735,133	2,545,776	279,368
1966	1,784,475	2,682,705	304,696
1967	1,627,220	3,019,470	343,649
1968	1,726,194	2,880,965	303,476
1969	1,424,410	2,464,023	250,536
1970	1,164,572	1,959,029	220,416
1971	1,162,276	2,356,646	267,698
1972	1,225,362	2,369,261	267,339
1973	1,404,798	3,371,824	390,865
1974	1,899,430	7,905,458	909,624
1975	2,074,155	11,604,093	1,514,035
1976	3,042,189	13,990,178	1,781,501
1977	2,532,833	11,568,172	1,337,992
1978	2,019,250	11,811,716	1,325,276
1979	2,647,070	29,765,572	3,608,364
TOTALS	44,316,446	124,439,290	14,588,907

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N.DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	55,686	152,002	13,069	--	--	--
1955	223,435	539,526	67,573	7,470	1,470	130
1956	427,512	1,327,937	129,715	29,504	5,219	237
1957	640,191	2,056,985	209,918	237,701	53,899	972
1958	749,159	2,249,545	224,955	671,868	27,646	2,765
1959	627,329	1,318,082	135,803	567,917	30,400	3,152
1960	925,266	2,533,959	257,501	1,168,318	71,941	5,439
1961	1,195,211	3,257,329	342,571	2,179,029	111,862	5,007
1962	1,101,353	3,110,410	311,041	188,877	12,034	5,583
1963	1,095,227	3,039,175	330,956	1,144,089	116,444	12,014
1964	986,146	2,713,314	351,294	1,358,140	111,757	13,000
1965	1,273,991	3,379,513	393,622	1,429,250	100,921	11,306
1966	1,703,756	4,366,611	525,756	2,007,165	152,222	15,817
1967	2,121,557	5,321,030	522,320	2,616,275	192,638	22,516
1968	1,527,918	3,954,474	473,307	2,246,883	155,796	18,654
1969	1,295,948	3,384,259	407,190	1,888,920	116,955	14,211
1970	1,163,539	3,210,021	386,432	1,321,437	79,863	9,543
1971	1,209,024	3,525,164	441,579	1,317,282	139,343	15,165
1972	1,193,353	3,592,263	435,353	1,080,759	154,231	15,601
1973	1,234,354	4,391,639	538,289	452,433	52,563	6,396
1974	1,189,289	6,997,089	848,267	350,673	65,451	7,474
1975	1,405,613	10,351,055	1,434,858	319,635	204,554	24,934
1976	1,405,622	10,583,276	1,561,440	255,870	122,363	14,709
1977	1,624,216	13,370,331	1,838,039	367,175	237,495	29,242
1978	1,710,512	15,997,528	2,049,455	365,942	259,645	29,541
1979	2,579,196	34,455,030	4,206,526	635,125	654,592	74,651
TOTALS	30,673,868	150,577,547	18,487,749	24,219,437	3,236,434	366,869

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N. DAKOTA

<--- GASOLINE AND LPG --->

<----- SULFUR ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	1,655,537	97,213	2,129	624	14,026	314
1962	854,174	36,258	1,041	104	2,650	53
1963	135,333	6,231	525	58	1,657	18
1964	(27,898)	(1,307)	(26)	(136)	(1,910)	(2)
1965	120,593	6,590	198	1	7	1
1966	60,636	3,426	126	--	--	--
1967	55,347	3,016	119	--	--	--
1968	85,305	4,092	170	--	--	--
1969	12,391	822	54	--	--	--
1970-71	--	--	--	--	--	--
1972	194,076	9,939	356	89	704	14
1973	175,536	9,359	470	28	237	12
1974	1,690,452	843,989	89,136	727	8,355	179
1975	1,511,518	224,677	9,143	706	12,427	232
1976	1,525,001	302,223	12,313	402	7,495	142
1977	1,257,330	234,384	9,532	435	6,838	124
1978	575,389	81,801	3,206	18	48	4
1979	974,742	112,951	4,210	51	66	4
TOTALS	10,870,814	1,975,668	133,271	3,195	51,353	1,105

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N.DAKOTA

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1975	105	599	59	59,506	30,953	3,869
1976	153	788	99	169,471	149,571	16,075
1977	39	216	27	301,304	469,096	55,531
1978	--	--	--	222,406	372,430	45,492
1979	736	15,679	1,950	97,163	141,308	4,167
TOTALS	1,033	17,282	2,155	849,850	1,163,408	125,134

OIL AND GAS OPERATIONS

ACQUIRED LANDS

N.DAKOTA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	55,686	152,002	13,069
1955	230,905	540,996	57,703
1956	457,116	1,334,156	129,952
1957	877,882	2,110,864	210,890
1958	1,421,027	2,277,191	227,720
1959	1,195,246	1,348,482	189,965
1960	2,093,584	2,705,900	284,040
1961	5,032,451	5,480,430	351,121
1962	2,144,568	3,161,612	315,718
1963	2,575,757	3,164,917	344,123
1964	2,316,252	2,821,854	364,266
1965	2,823,735	3,487,631	405,127
1966	3,776,617	4,522,261	542,709
1967	4,794,265	5,315,686	544,955
1968	3,862,306	4,114,352	492,131
1969	3,205,249	3,504,036	421,435
1970	2,485,126	3,289,834	395,975
1971	2,526,306	3,764,507	457,844
1972	2,466,284	3,757,277	454,856
1973	1,862,351	4,453,793	545,173
1974	3,231,151	7,914,897	945,056
1975	3,300,083	10,824,275	1,473,105
1976	3,368,549	11,265,716	1,605,318
1977	3,550,497	14,515,410	1,932,606
1978	2,875,967	16,711,502	2,127,708
1979	4,287,013	35,379,626	4,291,718
TOTALS	66,618,197	157,022,702	19,116,283

OIL AND GAS OPERATIONS

INDIAN LANDS

N. DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	75,896	162,329	20,291	22,816	2,262	265
1955	105,669	282,547	39,371	54,146	5,415	677
1956	142,126	383,456	55,991	36,601	3,652	457
1957	237,332	741,949	94,525	101,395	10,155	1,269
1958	457,297	1,424,044	178,006	105,231	11,978	1,457
1959	597,506	1,760,570	220,071	260,567	26,072	3,259
1960	624,212	1,340,668	230,034	515,233	43,166	5,356
1961	580,913	1,709,236	213,657	553,978	38,670	4,834
1962	593,539	1,749,874	213,734	644,690	49,925	6,241
1963	542,307	1,595,805	201,541	665,755	55,055	7,077
1964	637,586	1,595,657	213,951	653,170	38,713	4,869
1965	511,351	1,589,520	200,831	564,485	37,365	4,729
1966	514,552	1,469,955	185,876	522,241	42,588	5,277
1967	457,027	1,290,590	153,820	587,550	44,654	5,617
1968	462,813	1,408,824	179,422	1,207,792	76,891	9,642
1969	280,550	863,018	109,777	717,444	57,751	7,220
1970	215,307	569,027	85,474	459,806	40,639	5,061
1971	192,051	540,892	81,951	389,189	33,667	4,213
1972	189,459	533,008	80,926	221,834	39,036	4,906
1973	167,098	524,950	79,946	209,607	36,726	4,844
1974	161,007	332,623	106,350	267,425	51,045	6,363
1975	129,750	695,377	89,001	164,529	33,370	4,174
1976	103,259	503,839	77,344	190,431	44,253	5,551
1977	81,173	500,637	63,937	262,351	63,825	7,993
1978	94,443	566,554	72,593	189,532	55,088	6,867
1979	93,864	310,868	104,509	178,445	34,472	11,832
TOTALS	8,249,397	26,545,817	3,369,139	9,746,447	1,039,501	120,310

OIL AND GAS OPERATIONS

INDIAN LANDS

N.DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1972	1,033,134	52,612	6,577	--	--	--
1973	1,083,437	65,471	(1,139)	40	307	39
1974	1,582,105	220,461	9,493	42	318	38
1975	452,947	84,751	3,551	6,020	1,527	163
1976	493,327	95,497	3,979	42	644	68
1977	930,152	95,533	3,986	30	192	21
1978	633,195	48,277	2,017	27	103	11
1979	493,119	41,508	1,733	204	54	7
TOTALS	5,701,467	704,110	30,147	6,405	3,155	347

OIL AND GAS OPERATIONS

INDIAN LANDS

N.DAKOTA

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1954	99,712	164,611	20,576
1955	159,815	287,952	40,048
1956	178,927	387,108	57,448
1957	338,777	752,104	95,794
1958	562,528	1,436,022	179,503
1959	858,173	1,786,642	223,330
1960	1,139,445	1,383,834	235,480
1961	1,134,891	1,747,906	218,491
1962	1,238,279	1,799,802	224,975
1963	1,208,062	1,551,870	208,618
1964	1,290,756	1,734,370	218,820
1965	1,075,836	1,526,888	205,610
1966	1,036,903	1,512,543	191,253
1967	1,044,577	1,335,274	169,437
1968	1,670,605	1,485,715	189,064
1969	997,994	920,769	116,997
1970	675,613	709,656	90,555
1971	581,240	574,559	86,164
1972	1,444,477	724,656	92,409
1973	1,460,182	729,456	83,640
1974	2,010,579	1,104,447	122,274
1975	753,246	515,025	96,889
1976	787,059	744,233	86,942
1977	1,273,706	560,187	75,937
1978	917,198	570,022	81,508
1979	765,636	946,912	118,181
TOTALS	24,704,216	28,292,583	3,529,943

OIL AND GAS OPERATIONS

ALL LANDS

OHIO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	512,256	1,318,926	229,871	1,144,374	315,499	24,668
1953	27,508	76,018	12,697	55,878	35,903	1,404
1954	20,438	55,788	7,331	64,528	21,132	2,802
1955	19,555	55,971	5,922	58,248	11,459	1,442
1956	32,354	102,058	12,729	40,652	5,569	1,061
1957	51,880	166,697	20,341	33,903	7,688	898
1958	31,337	93,984	11,278	59,401	13,623	1,635
1959	14,740	42,678	5,335	38,705	8,202	1,024
1960	10,097	30,381	3,798	18,764	3,940	495
1961	3,396	26,757	3,366	16,909	3,518	441
1962	3,951	27,757	3,470	13,382	2,732	342
1963	7,714	24,940	3,113	102,509	26,970	3,375
1964	3,753	23,604	3,576	390,158	105,061	13,133
1965	5,235	19,912	2,489	298,997	80,636	10,079
1966	3,722	12,452	1,556	231,537	74,525	9,315
1967	3,337	12,705	1,588	202,489	53,600	5,700
1968	2,442	8,211	1,026	170,332	45,088	5,636
1969	3,525	12,147	1,518	216,713	57,365	7,171
1970	2,532	8,922	1,115	157,292	42,469	5,309
1971	3,069	10,645	1,331	154,406	44,356	5,548
1972	2,399	8,513	1,064	125,524	39,014	4,877
1973	1,757	7,796	974	150,941	47,722	5,965
1974	1,743	17,433	2,179	118,950	38,348	4,793
1975	4,592	23,940	2,993	115,274	57,965	7,246
1976	1,587	18,612	2,327	98,875	51,864	5,483
1977	1,390	20,303	2,538	117,534	65,823	9,226
1978	1,490	21,145	2,643	148,216	53,490	5,682
1979	1,411	33,260	4,117	82,295	58,387	7,298
TOTALS	795,530	2,286,555	353,235	4,477,291	1,374,978	154,050

OIL AND GAS OPERATIONS

ALL LANDS

OHIO

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,657,130	1,634,425	254,539
1953	83,486	111,921	14,101
1954	84,966	75,920	10,133
1955	77,803	67,430	8,364
1956	73,516	110,627	13,790
1957	85,783	174,385	21,239
1958	90,738	107,607	12,913
1959	53,445	50,880	5,359
1960	28,861	34,321	4,293
1961	25,305	30,275	3,607
1962	22,334	30,489	3,812
1963	110,223	51,910	5,488
1964	398,911	133,655	16,709
1965	305,232	100,548	12,568
1966	285,259	86,977	10,671
1967	206,326	66,305	3,288
1968	172,774	53,299	5,662
1969	220,338	69,512	3,689
1970	159,974	51,391	5,424
1971	157,475	55,031	5,679
1972	127,923	47,527	5,941
1973	152,708	55,518	5,939
1974	120,693	55,781	5,972
1975	119,966	81,905	10,239
1976	100,466	70,475	8,810
1977	118,924	86,126	10,766
1978	149,706	74,635	9,325
1979	93,706	91,647	11,415
TOTALS	5,273,971	3,661,533	507,335

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OHIO

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	512,256	1,318,926	229,871	1,144,874	315,499	24,668
1953	27,508	76,018	12,597	55,878	35,903	1,404
1954	20,438	55,788	7,331	64,528	21,132	2,802
1955	19,555	55,971	6,922	58,248	11,459	1,442
1956	32,864	102,058	12,729	40,652	8,559	1,061
1957	51,880	166,697	20,341	33,903	7,688	898
1958	31,337	93,984	11,278	59,401	13,623	1,635
1959	14,740	42,678	5,335	38,705	8,202	1,024
1960	10,097	30,381	3,798	18,764	3,940	495
1961	8,396	26,757	3,356	16,909	3,518	441
1962	8,951	27,757	3,470	13,383	2,732	342
1963	7,714	24,940	3,113	102,509	26,970	3,375
1964	3,753	28,604	3,576	390,158	105,061	13,133
1965	5,235	19,912	2,439	298,997	80,635	10,079
1966	3,722	12,452	1,556	281,537	74,525	9,315
1967	3,337	12,705	1,588	202,489	53,600	6,700
1968	2,442	8,211	1,026	170,332	45,088	5,636
1969	3,525	12,147	1,518	216,713	57,355	7,171
1970	2,582	8,922	1,115	157,292	42,469	5,309
1971	3,059	10,645	1,331	154,406	44,336	5,548
1972	2,399	8,513	1,054	125,524	39,014	4,877
1973	1,767	7,796	974	150,941	47,722	5,965
1974	1,743	17,433	2,179	118,950	38,348	4,793
1975	4,592	23,940	2,993	115,274	57,955	7,246
1976	1,587	18,612	2,327	98,879	51,864	6,483
1977	1,390	20,303	2,548	117,534	65,823	8,228
1978	1,490	21,145	2,643	148,216	53,490	6,682
1979	1,411	33,260	4,117	82,295	58,337	7,298
TOTALS	795,680	2,286,555	353,285	4,477,291	1,374,978	154,050

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OHIO

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,657,130	1,534,425	254,539
1953	83,486	111,921	14,101
1954	84,966	75,920	10,133
1955	77,803	67,430	8,364
1956	73,516	110,627	13,790
1957	85,703	174,395	21,239
1958	90,738	107,607	12,913
1959	53,445	50,880	6,359
1960	28,861	24,321	4,293
1961	25,305	30,275	3,807
1962	22,334	30,439	3,812
1963	110,223	51,910	5,488
1964	398,911	133,665	16,709
1965	305,232	100,548	12,568
1966	285,259	88,977	10,871
1967	206,326	65,505	8,288
1968	172,774	53,299	6,662
1969	220,338	69,512	8,689
1970	159,974	51,391	5,424
1971	157,475	55,031	6,879
1972	127,923	47,527	5,941
1973	152,708	55,518	6,939
1974	120,693	55,751	6,972
1975	119,966	81,905	10,239
1976	100,466	70,476	8,810
1977	118,924	85,125	10,766
1978	149,706	74,635	9,525
1979	83,706	91,647	11,415
TOTALS	5,273,971	3,661,533	507,335

OIL AND GAS OPERATIONS

ALL LANDS

OKLAHOMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	153,054,932	259,824,570	29,607,320	122,194,821	5,340,366	727,101
1953	10,077,223	27,303,860	3,054,339	7,943,866	595,018	59,686
1954	8,909,201	24,434,283	2,759,121	9,065,102	790,416	90,556
1955	8,802,671	24,415,604	2,624,256	10,633,365	944,990	105,428
1956	8,843,236	24,417,372	2,623,056	13,461,647	1,283,348	130,686
1957	9,054,625	27,362,402	2,914,526	14,749,871	1,432,631	138,051
1958	8,812,017	25,965,425	2,788,855	14,608,426	1,470,856	147,315
1959	9,495,945	25,590,827	2,704,558	15,212,224	1,556,149	151,699
1960	8,455,171	24,254,983	2,566,185	16,514,570	2,016,302	178,310
1961	8,197,342	24,112,161	2,515,996	18,105,570	2,185,307	241,535
1962	7,701,541	22,399,259	2,293,038	18,113,346	2,434,192	261,678
1963	7,811,275	22,337,798	2,256,958	18,174,959	2,376,550	278,972
1964	7,849,921	22,293,761	2,257,985	20,882,100	3,022,591	346,299
1965	7,431,554	20,797,637	2,449,543	19,679,982	2,720,138	341,649
1966	7,455,401	20,855,890	2,622,061	24,326,794	3,184,152	437,340
1967	8,192,358	23,931,015	2,998,377	28,417,585	4,217,853	540,027
1968	8,209,334	25,053,962	3,079,622	33,638,341	4,750,354	601,887
1969	7,863,322	25,257,526	3,099,249	41,844,743	6,007,000	767,569
1970	7,439,427	24,376,271	3,000,291	45,142,703	6,530,935	810,628
1971	7,197,313	25,138,109	3,120,356	38,454,695	5,893,595	745,005
1972	7,015,759	24,520,529	3,124,045	39,379,682	6,466,282	866,301
1973	5,601,137	23,414,351	2,941,850	45,922,807	9,325,086	1,151,933
1974	4,949,324	35,346,909	4,464,629	43,542,079	11,031,444	1,360,645
1975	5,065,075	44,557,396	5,744,144	33,544,100	13,066,942	1,664,349
1976	5,044,907	48,150,844	6,529,628	42,445,051	28,354,442	3,704,696
1977	4,311,224	43,706,633	5,696,213	41,688,139	38,849,114	5,150,744
1978	4,693,718	51,706,870	7,056,507	40,534,045	47,889,050	6,295,199
1979	3,783,115	51,002,976	8,080,427	40,854,490	58,399,302	7,445,733
TOTALS	351,325,528	1,053,129,223	124,973,155	859,075,109	272,635,445	34,781,021

OIL AND GAS OPERATIONS

ALL LANDS

OKLAHOMA

<--- GASOLINE AND LPG --->

<----- O I L L O S T ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	483,112,583	21,953,427	820,301	--	--	--
1953	32,556,133	1,774,703	65,195	--	--	--
1954	35,501,349	1,580,320	56,580	--	--	--
1955	39,982,795	1,766,135	62,270	--	--	--
1956	46,049,362	2,099,136	72,621	--	--	--
1957	47,164,900	2,010,452	67,618	--	--	--
1958	43,122,571	2,166,404	72,406	--	--	--
1959	33,013,848	1,990,074	65,299	--	--	--
1960	37,201,127	1,900,812	63,481	--	--	--
1961	39,845,041	1,886,684	63,393	--	--	--
1962	32,886,082	1,506,237	52,231	--	--	--
1963	29,491,147	1,330,302	44,747	--	--	--
1964	29,514,377	1,306,715	45,011	--	--	--
1965	20,357,979	903,031	36,754	--	--	--
1966	17,702,454	369,362	39,791	--	--	--
1967	29,156,201	1,622,263	71,182	--	--	--
1968	6,213,337	213,057	13,557	--	--	--
1969	18,223,134	(482,559)	(16,339)	--	--	--
1970	19,090,452	2,355,838	100,630	--	--	--
1971	17,225,935	979,914	46,086	--	--	--
1972	18,376,747	1,341,081	61,116	--	--	--
1973	23,668,891	1,757,095	95,975	--	--	--
1974	5,373,378	1,454,842	64,737	--	--	--
1975	10,591,103	1,389,251	71,592	51	254	32
1976	10,566,719	5,139,978	89,000	--	--	--
1977	4,224,109	788,535	50,000	--	--	--
1978	1,364,868	280,321	37,960	30	369	62
1979	957,310	283,236	35,177	--	--	--
TOTALS	1,136,542,243	62,166,546	2,348,911	81	623	94

OIL AND GAS OPERATIONS

ALL LANDS

OKLAHOMA

CALENDAR YEAR	<----- G A S L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	758,362,386	287,118,353	31,154,722
1953	--	--	--	50,577,274	29,573,551	3,189,220
1954	--	--	--	53,476,252	26,805,019	2,905,257
1955	--	--	--	59,418,831	27,125,729	2,791,954
1956	--	--	--	68,359,745	27,799,856	2,825,373
1957	--	--	--	70,969,396	30,505,455	3,120,195
1958	--	--	--	66,543,114	29,502,635	3,008,576
1959	--	--	--	62,722,017	29,137,050	2,921,556
1960	--	--	--	62,171,868	28,172,097	2,807,976
1961	--	--	--	66,148,452	28,185,152	2,821,424
1962	--	--	--	58,700,969	26,339,688	2,606,947
1963	--	--	--	55,477,381	26,044,650	2,580,687
1964	--	--	--	58,246,398	26,523,067	2,649,295
1965	--	--	--	47,469,525	24,420,806	2,827,946
1966	--	--	--	49,404,659	24,909,404	3,099,182
1967	--	--	--	65,766,144	29,771,141	3,609,586
1968	--	--	--	48,067,012	30,017,373	3,695,066
1969	--	--	--	67,931,199	30,781,967	3,850,479
1970	--	--	--	70,672,582	33,263,044	3,911,599
1971	--	--	--	62,879,494	32,011,618	3,911,457
1972	--	--	--	64,772,188	32,327,892	4,051,462
1973	--	--	--	75,192,835	34,496,532	4,199,758
1974	--	--	--	53,865,281	48,333,195	5,890,011
1975	1,552	70	163	49,201,891	59,113,913	7,500,280
1976	12,533	23,926	3,992	58,069,260	81,569,090	10,327,316
1977	13,356	28,219	4,700	50,242,328	83,372,501	10,901,657
1978	13,505	19,161	15,218	46,606,171	99,895,801	13,404,946
1979	--	--	--	45,594,915	120,165,514	15,561,337
TOTALS	46,507	71,376	24,073	2,346,989,568	1,368,003,213	162,127,264

OIL AND GAS OPERATIONS

PUBLIC LANDS

OKLAHOMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	5,315,335	7,430,956	1,029,870	1,861,346	150,925	16,859
1953	150,537	369,716	46,578	499,620	45,957	5,597
1954	113,720	301,361	36,156	564,117	61,555	7,035
1955	105,053	267,700	32,740	689,432	76,488	8,487
1956	93,159	235,095	27,769	475,811	52,371	5,553
1957	112,247	311,941	38,738	495,409	56,417	5,425
1958	161,228	480,555	56,177	462,712	52,631	6,579
1959	149,013	448,365	50,441	476,498	57,954	7,244
1960	119,125	358,113	39,543	739,232	100,727	12,591
1961	122,031	358,755	36,306	842,346	127,069	15,884
1962	140,063	436,756	42,977	954,302	149,051	18,631
1963	153,931	512,767	47,431	1,414,338	233,373	28,612
1964	281,037	808,579	100,653	3,310,473	512,169	65,151
1965	302,775	863,959	106,959	4,032,779	638,331	80,530
1966	303,270	874,559	106,543	8,016,797	1,067,579	162,379
1967	343,768	1,024,892	122,736	8,299,816	1,304,568	164,528
1968	335,094	1,026,011	120,957	12,491,405	1,949,235	243,730
1969	294,326	927,706	109,419	14,066,425	2,230,456	278,925
1970	253,514	826,408	98,283	14,668,790	2,287,949	286,136
1971	380,251	1,295,320	160,154	14,809,787	2,396,840	300,142
1972	431,310	1,469,970	211,552	14,101,417	2,515,001	319,560
1973	257,506	1,073,109	134,979	14,347,818	2,666,643	337,629
1974	224,994	1,594,865	210,436	13,740,600	3,386,924	423,990
1975	172,035	1,521,709	185,366	12,419,400	3,744,376	468,322
1976	144,842	1,362,706	164,119	12,870,591	5,696,603	685,128
1977	227,253	2,479,202	263,445	13,759,556	11,285,620	1,390,273
1978	219,974	2,537,533	297,018	12,684,717	12,067,417	1,532,398
1979	174,549	2,597,140	284,885	11,090,320	13,765,959	1,566,106
TOTALS	11,093,201	33,996,248	4,162,510	194,185,854	66,746,058	8,445,836

OIL AND GAS OPERATIONS

PUBLIC LANDS

OKLAHOMA

<--- GASOLINE AND LPG --->

<----- O I L L O S T ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	10,219,103	541,370	35,938	--	--	--
1953	1,094,599	77,884	5,331	--	--	--
1954	1,007,148	68,835	4,956	--	--	--
1955	1,125,326	74,673	5,442	--	--	--
1956	1,101,384	74,597	5,628	--	--	--
1957	905,599	61,477	4,925	--	--	--
1958	771,397	37,476	4,548	--	--	--
1959	507,519	28,393	3,286	--	--	--
1960	705,939	35,259	4,295	--	--	--
1961	483,500	23,393	2,873	--	--	--
1962	682,014	31,657	3,916	--	--	--
1963	534,053	25,459	3,030	--	--	--
1964	760,821	35,428	3,637	--	--	--
1965	779,870	36,758	3,839	--	--	--
1966	914,911	47,136	4,593	--	--	--
1967	1,089,490	60,939	5,450	--	--	--
1968	979,410	74,938	7,171	--	--	--
1969	1,431,797	70,458	5,429	--	--	--
1970	1,313,806	65,466	5,389	--	--	--
1971	1,821,540	98,749	6,839	--	--	--
1972	1,652,143	91,884	5,259	--	--	--
1973	1,582,554	115,925	8,147	--	--	--
1974	1,367,493	154,447	10,679	--	--	--
1975	1,158,055	131,381	7,839	51	254	32
1976	1,329,099	194,564	9,417	--	--	--
1977	328,928	60,411	3,992	--	--	--
1978	93,593	19,378	2,423	--	--	--
1979	116,530	24,406	3,051	--	--	--
TOTALS	35,864,736	2,463,741	179,374	51	254	32

OIL AND GAS OPERATIONS

PUBLIC LANDS

OKLAHOMA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	17,395,785	8,223,251	1,082,667
1953	--	--	--	1,744,756	493,567	59,606
1954	--	--	--	1,689,985	431,761	45,157
1955	--	--	--	1,921,311	418,851	46,669
1956	--	--	--	1,670,854	362,063	39,350
1957	--	--	--	1,513,355	429,835	50,128
1958	--	--	--	1,395,837	570,652	67,304
1959	--	--	--	1,133,030	534,712	60,973
1960	--	--	--	1,564,296	494,099	56,529
1961	--	--	--	1,448,027	509,217	55,063
1962	--	--	--	1,776,379	517,464	65,524
1963	--	--	--	2,102,222	771,599	79,073
1964	--	--	--	4,352,331	1,356,176	169,441
1965	--	--	--	5,115,424	1,539,048	191,328
1966	--	--	--	9,239,978	2,009,274	273,615
1967	--	--	--	9,733,074	2,390,399	292,714
1968	--	--	--	13,805,909	3,050,234	371,668
1969	--	--	--	15,792,548	3,228,620	393,773
1970	--	--	--	16,241,210	3,179,623	389,810
1971	--	--	--	17,011,688	3,791,209	467,185
1972	--	--	--	16,184,870	4,076,855	537,361
1973	--	--	--	16,188,088	3,975,677	480,755
1974	--	--	--	15,333,087	5,236,236	645,105
1975	1,054	18	149	13,750,595	5,357,738	661,708
1976	--	--	--	14,344,532	7,253,873	858,674
1977	410	81	10	14,316,147	13,825,314	1,657,720
1978	8,557	12,402	12,391	13,007,056	14,756,730	1,844,230
1979	--	--	--	11,381,599	16,391,505	1,854,042
TOTALS	10,131	12,501	12,550	241,153,973	105,216,802	12,800,402

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OKLAHOMA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,503,927	5,971,578	400,012	849,651	260,872	2,262
1953	5,906	19,015	898	2,369	1,522	8
1954	10,543	29,051	1,437	1,028	337	3
1955	46,700	133,667	8,152	7,791	1,533	22
1956	75,033	236,118	3,737	9,448	1,991	14
1957	5,995	19,263	882	5	1	--
1958	4,050	11,879	594	177	12	1
1959	5,104	18,595	889	112,320	1,151	494
1960	19,450	53,911	2,081	2,329,200	229,341	11,790
1961	23,056	61,175	2,551	1,028,151	14,505	5,747
1962	52,319	141,411	4,596	911,249	118,319	4,626
1963	43,211	141,313	4,282	896,434	13,325	4,908
1964	63,325	171,201	8,523	748,491	111,005	5,771
1965	23,239	75,040	9,398	297,967	45,868	5,704
1966	65,305	180,303	23,738	779,500	113,849	14,368
1967	53,530	171,765	22,515	1,000,511	152,757	19,144
1968	60,783	182,992	25,153	1,038,402	156,058	19,515
1969	51,836	162,693	21,574	1,454,312	213,213	26,655
1970	35,551	112,806	14,051	1,283,005	197,840	24,739
1971	30,439	103,796	12,937	1,399,998	213,119	26,647
1972	34,455	117,188	14,552	1,422,017	228,331	28,660
1973	33,751	136,604	17,082	1,416,204	256,701	32,476
1974	26,797	217,363	27,178	1,363,963	343,147	42,798
1975	34,257	273,173	34,155	1,830,888	556,340	68,314
1976	42,573	401,840	50,236	1,715,301	674,540	83,119
1977	39,720	341,099	42,544	1,599,900	328,753	107,458
1978	37,473	381,323	48,991	2,896,013	3,535,582	446,496
1979	38,582	464,925	58,148	3,868,056	6,261,828	796,971
TOTALS	3,484,770	10,331,587	861,246	30,262,851	14,771,890	1,778,710

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LFG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	9,438,314	459,197	6,865	--	--	--
1953	42,258	7,066	23	--	--	--
1954	55,213	2,280	24	--	--	--
1955	163,445	7,646	106	--	--	--
1956	203,269	10,418	110	--	--	--
1957	70,470	4,534	29	--	--	--
1958	25,457	1,220	11	--	--	--
1959	15,513	700	8	--	--	--
1960	5,430	254	3	--	--	--
1961	6,737	245	3	--	--	--
1962	7,346	250	3	--	--	--
1963	4,033	145	2	--	--	--
1964	5,318	182	2	--	--	--
1965-67	--	--	--	--	--	--
1968	1,102	132	17	--	--	--
1969	--	--	--	--	--	--
1970	54	136	17	--	--	--
1971	--	89	11	--	--	--
1972	591	76	10	--	--	--
1973	1,116	100	13	--	--	--
1974	355	181	22	--	--	--
1975	42,030	11,050	1,388	508	52	14
1976	--	--	--	529	59	14
1977	156	203	25	--	--	--
1978	1,151	1,235	154	2,145	2,040	2,040
1979	355	875	109	--	--	--
TOTALS	10,099,385	508,214	8,955	3,182	2,151	2,068

OIL AND GAS OPERATIONS

ACQUIRED LANDS

OKLAHOMA

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIJR	12,792,392	6,711,647	409,139
1953	51,543	27,603	929
1954	66,864	31,658	1,464
1955	222,936	142,845	8,290
1956	288,750	248,527	3,861
1957	76,470	23,798	911
1958	30,684	13,111	606
1959	134,937	20,446	1,291
1960	2,355,090	383,506	13,874
1961	1,057,944	75,925	6,301
1962	971,414	259,950	9,225
1963	948,678	154,733	9,192
1964	817,634	282,358	14,296
1965	326,206	120,908	15,102
1966	844,805	294,652	38,106
1967	1,059,091	324,522	41,759
1968	1,100,287	339,152	44,685
1969	1,506,648	375,906	48,229
1970	1,318,620	310,762	38,807
1971	1,430,437	317,034	39,645
1972	1,457,173	345,645	43,322
1973	1,451,071	393,405	49,571
1974	1,391,606	560,691	69,998
1975	1,907,733	640,615	103,071
1976	1,758,503	1,075,439	133,369
1977	1,638,776	1,170,055	150,127
1978	2,936,782	3,920,130	497,661
1979	3,907,594	6,847,628	855,228
TOTALS	43,850,688	25,613,842	2,650,979

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

OKLAHOMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1966	--	--	--	64,086	9,065	1,011
1967	--	--	--	78,332	10,190	1,098
1968	4,345	14,487	2,414	118,503	19,495	3,249
1969	23,487	72,834	12,139	590,107	92,327	15,619
1970	12,530	39,533	6,539	432,278	67,204	10,971
1971	8,281	28,125	4,688	377,046	56,976	9,830
1972	5,502	22,228	3,705	256,906	42,252	7,164
1973	9,020	39,468	6,101	239,838	41,373	6,628
1974	7,116	54,030	8,053	210,886	37,955	6,526
1975	9,792	95,888	14,580	466,598	275,794	46,032
1976	14,985	168,272	26,382	437,948	415,344	69,892
1977	4,597	37,135	6,189	404,751	340,699	56,783
1978	5,373	79,553	13,259	376,793	293,222	48,870
1979	8,511	149,104	24,551	415,914	549,182	91,530
TOTALS	115,239	800,657	129,060	4,489,986	2,261,678	375,803

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

OKLAHOMA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1966	--	--	--	64,086	9,665	1,611
1967	--	--	--	78,332	10,190	1,698
1968	--	--	--	123,348	33,982	5,663
1969	549,555	21,659	1,203	1,163,159	186,820	28,961
1970	533,101	121,624	1,612	982,909	223,351	19,172
1971	479,377	28,625	1,590	864,706	115,726	16,108
1972	335,454	22,243	1,236	599,962	86,723	12,105
1973	335,288	25,620	1,423	585,146	106,451	14,152
1974	279,034	36,926	2,051	497,086	128,911	15,440
1975	324,122	41,739	2,319	820,512	417,421	63,631
1976	208,838	306,292	1,507	661,771	893,908	97,781
1977	188,272	24,637	2,758	597,620	402,471	65,730
1978	207,420	41,838	6,899	589,586	414,613	69,028
1979	314,523	64,084	9,573	739,146	762,370	125,954
TOTALS	3,762,144	735,287	32,171	8,367,371	3,797,622	538,034

OIL AND GAS OPERATIONS

INDIAN LANDS

OKLAHOMA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	145,235,719	246,422,036	28,177,438	119,483,824	4,908,569	707,980
1953	9,919,730	26,915,129	3,006,753	7,441,879	547,529	63,081
1954	8,779,838	24,103,871	2,721,518	8,499,957	725,514	83,518
1955	8,643,918	24,014,237	2,583,354	9,936,142	865,969	96,919
1956	8,679,044	23,946,159	2,591,560	12,976,388	1,228,986	124,719
1957	8,935,393	27,031,198	2,874,856	14,254,457	1,376,213	131,626
1958	8,645,739	25,472,991	2,732,084	14,145,537	1,418,213	140,735
1959	9,340,828	25,123,867	2,653,228	14,623,406	1,497,044	143,961
1960	8,317,586	23,342,959	2,524,451	13,446,138	1,586,234	153,929
1961	8,052,705	23,592,231	2,477,139	16,235,073	2,044,733	219,904
1962	7,509,159	21,821,092	2,245,465	16,247,795	2,106,822	238,421
1963	7,609,233	21,583,718	2,205,255	15,864,187	2,129,852	245,452
1964	7,505,059	21,313,981	2,148,309	16,823,136	2,399,417	275,377
1965	7,100,550	19,858,638	2,333,186	15,349,236	2,035,939	255,415
1966	7,081,826	19,300,528	2,491,630	15,466,411	1,973,059	258,982
1967	7,790,010	22,734,358	2,853,026	19,038,926	2,750,348	354,657
1968	7,809,112	23,930,472	2,931,088	19,990,031	2,625,516	335,393
1969	7,493,573	24,094,293	2,956,117	25,733,399	3,471,004	446,370
1970	7,137,732	23,397,524	2,881,358	28,758,630	3,977,942	488,780
1971	6,779,332	23,710,368	2,942,537	21,867,862	3,224,860	408,386
1972	6,543,332	22,911,143	2,894,126	23,599,342	3,580,648	510,917
1973	5,300,760	22,165,170	2,783,638	29,918,947	6,338,369	785,200
1974	4,690,427	33,880,651	4,218,952	28,226,630	7,263,418	887,531
1975	4,843,991	42,766,626	5,509,943	18,807,214	8,485,452	1,101,081
1976	4,842,407	45,218,026	6,288,391	27,421,211	21,563,955	2,866,547
1977	4,040,554	40,949,197	5,383,935	25,923,932	26,394,042	3,596,230
1978	4,430,893	46,608,461	6,697,239	24,576,526	31,972,859	4,267,435
1979	3,561,173	57,791,807	7,712,543	25,480,200	38,198,333	4,991,126
TOTALS	335,632,418	1,008,000,731	119,820,249	630,136,416	186,555,819	24,179,672

OIL AND GAS OPERATIONS

INDIAN LANDS

OKLAHOMA

<--- GASOLINE AND LPG --->

<----- O I L L O S T ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	463,454,666	20,352,860	777,498	--	--	--
1953	31,419,315	1,589,753	58,341	--	--	--
1954	34,439,588	1,509,205	51,500	--	--	--
1955	38,683,524	1,583,816	55,722	--	--	--
1956	44,744,709	2,014,121	66,883	--	--	--
1957	45,183,731	1,944,441	62,554	--	--	--
1958	42,324,317	2,127,708	67,347	--	--	--
1959	37,489,315	1,960,981	62,003	--	--	--
1960	35,483,758	1,365,299	59,133	--	--	--
1961	39,354,704	1,363,046	61,017	--	--	--
1962	32,195,222	1,474,330	48,312	--	--	--
1963	28,953,051	1,304,698	41,715	--	--	--
1964	28,743,238	1,271,105	41,372	--	--	--
1965	19,573,109	866,273	32,915	--	--	--
1966	15,787,553	822,226	35,188	--	--	--
1967	28,065,711	1,561,324	65,732	--	--	--
1968	5,233,325	137,987	5,359	--	--	--
1969	15,241,772	(574,676)	(22,971)	--	--	--
1970	15,233,431	2,168,612	93,552	--	--	--
1971	14,925,959	852,451	37,596	--	--	--
1972	15,387,459	1,226,878	53,611	--	--	--
1973	21,743,323	1,514,450	86,392	--	--	--
1974	3,725,445	1,263,288	51,935	--	--	--
1975	9,065,346	1,205,081	60,046	--	--	--
1976	9,023,732	4,539,022	73,076	--	--	--
1977	3,706,753	703,284	43,225	--	--	--
1978	1,062,599	217,870	28,434	30	369	62
1979	525,201	193,871	22,444	--	--	--
TOTALS	1,086,815,478	58,459,304	2,128,411	30	369	62

OIL AND GAS OPERATIONS

INDIAN LANDS

OKLAHOMA

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	728,174,209	272,183,465	29,662,916
1953	--	--	--	48,780,975	29,152,411	3,129,685
1954	--	--	--	51,719,383	26,341,590	2,855,636
1955	--	--	--	57,274,584	26,565,022	2,735,995
1956	--	--	--	66,400,141	27,189,266	2,783,162
1957	--	--	--	69,379,571	30,351,852	3,069,146
1958	--	--	--	65,116,593	29,018,912	2,940,666
1959	--	--	--	61,454,050	28,581,892	2,859,192
1960	--	--	--	58,252,482	27,294,492	2,737,573
1961	--	--	--	63,642,482	27,500,010	2,758,060
1962	--	--	--	55,953,176	25,462,244	2,532,198
1963	--	--	--	52,426,481	25,118,268	2,492,422
1964	--	--	--	53,076,433	24,984,503	2,465,558
1965	--	--	--	42,027,895	22,760,850	2,621,516
1966	--	--	--	39,335,790	22,595,813	2,785,850
1967	--	--	--	54,895,647	27,046,030	3,273,415
1968	--	--	--	33,037,468	26,593,975	3,272,850
1969	--	--	--	49,468,844	26,990,621	3,379,516
1970	--	--	--	52,129,843	29,544,078	3,463,810
1971	--	--	--	43,572,663	27,787,679	3,388,519
1972	--	--	--	46,530,183	27,818,669	3,458,654
1973	--	--	--	56,968,530	30,117,939	3,655,280
1974	--	--	--	36,643,502	42,407,357	5,158,468
1975	--	--	--	32,723,051	52,458,139	6,671,070
1976	12,054	23,867	3,978	41,304,454	72,444,670	9,237,492
1977	13,446	28,138	4,690	33,689,785	67,974,661	9,028,080
1978	2,594	4,719	737	30,072,747	80,304,278	10,994,007
1979	--	--	--	29,566,574	96,184,011	12,726,113
TOTALS	33,194	56,724	9,455	2,053,617,536	1,253,372,947	146,137,849

OIL AND GAS OPERATIONS

ALL LANDS

PENNSYLVANIA

ACQUIRED LANDS ONLY

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	502	2,400	238	802	234	28
1959	254	1,065	133	1,452	406	51
1960	30	367	46	468	130	16
1961	43	209	24	432	121	15
1962	--	--	--	936	252	33
1963	--	--	--	247,769	68,143	8,518
1964	--	--	--	1,383,158	570,047	47,547
1965	--	--	--	584,547	160,757	20,095
1966	--	--	--	221,126	58,455	7,307
1967	--	--	--	122,045	32,265	4,033
1968	--	--	--	51,902	13,724	1,716
1969	--	--	--	60,697	16,042	2,005
1970	--	--	--	49,087	13,505	1,688
1971	--	--	--	42,886	11,342	1,418
1972	--	--	--	27,684	7,320	915
1973-79	--	--	--	--	--	--
TOTALS	989	4,041	491	2,794,991	952,753	95,385

OIL AND GAS OPERATIONS

ALL LANDS

ACQUIRED LANDS ONLY

PENNSYLVAN

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	1,404	2,634	316
1959	1,716	1,471	184
1950	548	497	62
1951	475	330	39
1952	936	262	33
1953	247,769	68,143	8,518
1954	1,383,158	570,047	47,547
1955	584,547	160,757	20,095
1956	221,126	58,455	7,307
1957	122,045	32,255	4,033
1958	51,902	13,724	1,716
1959	60,697	16,042	2,005
1970	49,087	13,505	1,688
1971	42,886	11,342	1,418
1972	27,684	7,320	915
1973-79	--	--	--
TOTALS	2,795,980	956,794	95,676

OIL AND GAS OPERATIONS

ALL LANDS

S.DAKOTA

<----- O I L ----->

<----- G A S ----->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	16,846	34,089	4,261	--	--	--
1960	3,355	16,009	2,003	--	--	--
1961	10,190	19,048	2,331	--	--	--
1962	8,243	15,167	1,896	--	--	--
1963	5,733	11,080	1,385	--	--	--
1964	5,928	13,371	1,671	--	--	--
1965	4,339	9,311	1,154	--	--	--
1966	5,392	11,504	1,438	--	--	--
1967	4,342	8,835	1,104	--	--	--
1968	6,470	13,393	1,574	--	--	--
1969	4,418	9,825	1,228	--	--	--
1970	1,301	3,870	484	--	--	--
1971	72,555	211,017	26,451	--	--	--
1972	72,159	210,479	26,337	--	--	--
1973	53,245	195,674	24,459	--	--	--
1974	57,585	359,363	48,859	--	--	--
1975	39,534	298,369	42,055	--	--	--
1976	35,955	276,468	38,152	--	--	--
1977	65,711	512,449	81,723	--	--	--
1978	133,342	1,577,936	199,417	--	--	--
1979	153,318	2,199,633	284,100	152,019	304,515	38,064
TOTALS	774,715	6,106,890	792,302	152,019	304,515	39,064

OIL AND GAS OPERATIONS

ALL LANDS

S.DAKOTA

<--- GASOLINE AND LPG --->

<----- GAS LOST ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	5,745	16,832	2,104	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	1,369	711	89
1976	--	--	--	898	476	60
1977	--	--	--	632	1,238	155
1978	--	--	--	644	961	120
1979	--	--	--	222	343	43
TOTALS	5,745	16,832	2,104	3,765	3,729	467

OIL AND GAS OPERATIONS

ALL LANDS

S. DAKOTA

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

1959	16,346	34,069	4,261
1960	8,356	16,009	2,003
1961	10,190	19,048	2,381
1962	8,243	15,157	1,896
1963	5,783	11,080	1,385
1964	6,928	13,371	1,671
1965	4,839	9,311	1,164
1966	5,892	11,504	1,438
1967	4,342	8,835	1,104
1968	6,470	13,393	1,674
1969	4,418	9,825	1,228
1970	1,801	3,870	484
1971	78,401	227,649	28,555
1972	72,159	210,479	25,387
1973	58,240	195,674	24,459
1974	57,685	359,363	48,859
1975	40,903	299,080	42,144
1976	37,854	275,944	38,222
1977	67,343	513,687	81,878
1978	133,986	1,578,897	199,537
1979	305,559	2,504,491	322,207
TOTALS	936,244	6,431,966	832,937

OIL AND GAS OPERATIONS

PUBLIC LANDS

S.DAKOTA

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	16,846	34,089	4,261	--	--	--
1960	8,356	16,009	2,003	--	--	--
1961	10,190	19,048	2,381	--	--	--
1962	3,243	15,167	1,896	--	--	--
1963	5,733	11,080	1,395	--	--	--
1964	6,928	13,371	1,671	--	--	--
1965	4,339	9,311	1,164	--	--	--
1966	5,392	11,504	1,438	--	--	--
1967	4,342	8,835	1,104	--	--	--
1968	5,470	13,393	1,574	--	--	--
1969	4,418	9,825	1,228	--	--	--
1970	1,301	3,870	484	--	--	--
1971	71,732	209,232	26,154	--	--	--
1972	71,416	208,652	26,032	--	--	--
1973	53,246	195,674	24,459	--	--	--
1974	48,093	264,838	33,105	--	--	--
1975	30,299	184,161	23,020	--	--	--
1976	29,251	190,004	23,751	--	--	--
1977	55,028	488,445	61,056	--	--	--
1978	123,942	1,525,742	190,716	--	--	--
1979	139,525	1,980,143	247,516	152,019	304,515	38,064
TOTALS	715,840	5,412,393	676,552	152,019	304,515	38,064

GIL AND GAS OPERATIONS

PUBLIC LANDS

S.DAKOTA

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	5,745	16,832	2,104	--	--	--
1972-74	--	--	--	--	--	--
1975	--	--	--	--	--	--
1976	--	--	--	1,369	711	89
1977	--	--	--	898	476	60
1978	--	--	--	632	1,238	155
1979	--	--	--	644	951	120
				222	343	43
TOTALS	5,745	16,832	2,104	3,765	3,729	467

OIL AND GAS OPERATIONS

PUBLIC LANDS

S.DAKOTA

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1959	16,846	34,059	4,261
1960	8,356	16,009	2,003
1961	10,190	19,048	2,381
1962	8,243	15,167	1,896
1963	5,783	11,050	1,325
1964	6,928	13,371	1,671
1965	4,839	9,311	1,164
1966	5,892	11,504	1,438
1967	4,342	8,835	1,104
1968	6,470	13,393	1,674
1969	4,418	9,625	1,228
1970	1,801	3,870	484
1971	77,677	226,064	28,258
1972	71,416	206,652	26,082
1973	58,246	195,674	24,459
1974	46,093	224,538	33,105
1975	31,668	184,672	23,109
1976	30,149	190,480	23,811
1977	55,660	469,683	61,211
1978	129,586	1,526,703	190,838
1979	291,766	2,265,001	285,625
TOTALS	878,369	5,727,469	717,187

OIL AND GAS OPERATIONS

INDIAN LANDS

S.DAKOTA

<----- O I L ----->

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	724	1,785	297	724	1,785	297
1972	743	1,827	305	743	1,827	305
1973	--	--	--	--	--	--
1974	9,592	94,525	15,754	9,592	94,525	15,754
1975	9,235	114,208	19,035	9,235	114,208	19,035
1976	7,705	86,464	14,411	7,705	86,464	14,411
1977	11,683	124,004	20,667	11,683	124,004	20,667
1978	4,400	52,194	8,699	4,400	52,194	8,699
1979	13,793	219,490	36,582	13,793	219,490	36,582
TOTALS	57,375	594,497	115,750	57,875	594,497	115,750

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- C O N D E N S A T E ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	546,926	1,757,022	160,837	--	--	--
1953	3,535	10,147	1,276	--	--	--
1954	20,741	56,615	7,720	--	--	--
1955	25,530	73,380	8,347	--	--	--
1956	219,132	557,704	97,823	--	--	--
1957	253,924	345,348	144,595	--	--	--
1958	184,592	513,682	103,020	--	--	--
1959	155,944	509,648	83,796	--	--	--
1960	177,043	579,880	92,251	--	--	--
1961	517,769	2,053,503	230,110	--	--	--
1962	416,549	1,356,926	178,004	--	--	--
1963	356,352	1,141,327	173,632	--	--	--
1964	536,094	1,591,951	271,572	--	--	--
1965	528,150	1,589,404	255,706	--	--	--
1966	1,309,090	4,007,355	559,610	--	--	--
1967	1,493,203	4,630,436	766,428	1,703,385	5,305,062	884,177
1968	2,012,503	5,422,657	1,061,532	1,377,985	4,454,244	742,372
1969	1,707,924	5,337,469	963,138	1,245,536	4,361,621	725,926
1970	1,253,293	4,380,039	722,615	1,146,941	4,098,461	683,077
1971	888,525	3,256,845	532,247	974,584	3,674,607	612,435
1972	1,083,594	4,060,897	664,929	827,995	3,197,222	532,081
1973	837,733	3,292,356	537,330	921,970	4,411,721	729,876
1974	570,779	3,231,040	519,576	929,212	7,307,134	1,201,746
1975	436,413	2,464,953	390,367	1,001,567	7,634,357	1,290,315
1976	875,555	7,970,517	1,283,536	288,863	3,611,930	602,046
1977	329,539	3,076,684	466,975	715,470	7,219,119	1,201,914
1978	1,054,335	10,599,545	1,715,732	1,167,534	13,534,861	2,272,490
1979	2,295,928	28,256,605	4,610,958	1,464,382	16,506,588	2,767,935
TOTALS	20,197,770	104,523,957	16,704,322	13,765,424	85,718,927	14,247,390

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	< O I L A N D C O N D E N S A T E >			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	646,326	1,757,022	160,937	803,106	253,831	6,267
1953	3,685	10,147	1,276	389,163	35,571	3,797
1954	20,741	56,615	7,720	871,360	200,669	8,157
1955	25,530	73,380	8,347	632,799	93,339	7,545
1956	219,132	557,704	97,823	918,369	142,085	12,275
1957	253,924	345,348	144,595	2,035,850	316,834	31,788
1958	184,592	613,682	103,020	1,441,710	180,021	24,721
1959	155,344	509,648	93,736	1,172,620	136,623	16,401
1960	177,043	579,880	92,251	1,558,454	248,390	32,946
1961	517,769	2,053,503	230,110	4,987,147	1,235,207	155,982
1962	415,549	1,356,926	178,004	3,987,373	749,360	120,762
1963	356,362	1,141,327	173,632	3,843,708	666,676	94,461
1964	536,094	1,591,951	271,572	4,147,021	569,052	103,951
1965	523,160	1,589,404	255,706	4,313,449	723,787	115,852
1966	1,309,090	4,007,355	559,610	46,958,512	7,675,364	1,273,973
1967	3,196,588	9,935,498	1,650,605	104,757,902	17,896,255	2,977,627
1968	3,390,588	10,876,901	1,803,904	114,165,492	18,509,797	3,080,257
1969	2,953,460	10,199,110	1,690,114	130,280,562	20,968,194	3,496,420
1970	2,400,234	8,478,500	1,405,692	136,453,655	21,354,145	3,554,867
1971	1,863,109	6,931,452	1,144,632	130,610,873	20,522,705	3,407,867
1972	1,911,689	7,258,119	1,197,010	150,160,057	25,320,678	4,216,833
1973	1,759,903	7,704,079	1,267,206	153,078,389	28,721,884	4,764,606
1974	1,499,991	10,538,174	1,721,322	162,648,358	32,229,625	5,352,693
1975	1,437,980	10,299,310	1,680,682	125,477,730	35,716,400	5,911,679
1976	1,164,418	11,582,447	1,885,582	93,778,209	29,583,714	4,915,428
1977	1,045,009	10,295,803	1,668,909	88,097,550	52,956,547	8,793,961
1978	2,222,369	24,334,406	3,988,272	232,944,923	237,057,083	47,764,836
1979	3,760,310	44,365,193	7,378,333	513,475,624	900,559,652	149,815,916
TOTALS	33,963,194	190,242,884	30,951,712	2,213,989,965	1,504,903,488	250,064,068

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<--- GASOLINE AND LFG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,624,232	173,483	3,356	--	--	--
1953	345,742	15,031	1,379	--	--	--
1954	337,352	12,004	1,500	--	--	--
1955	299,011	10,921	1,355	--	--	--
1956	604,511	27,165	2,118	--	--	--
1957	1,620,357	93,314	5,896	--	--	--
1958	927,704	47,177	4,210	--	--	--
1959	931,354	46,553	4,216	--	--	--
1960	1,763,137	95,226	13,017	--	--	--
1961	4,945,253	256,182	44,618	--	--	--
1962	3,374,478	166,260	26,515	--	--	--
1963	4,075,134	196,001	29,357	--	--	--
1964	3,993,335	212,329	34,132	--	--	--
1965	3,715,725	191,818	31,279	--	--	--
1966	3,363,200	174,713	28,535	--	--	--
1967	3,794,393	213,286	34,302	--	--	--
1968	3,604,996	175,646	28,739	--	--	--
1969	3,384,734	124,342	20,325	--	--	--
1970	50,727,355	2,077,334	170,433	--	--	--
1971	88,632,538	3,336,217	301,539	--	--	--
1972	85,214,288	3,718,204	289,755	--	--	--
1973	79,929,709	3,841,073	304,042	--	--	--
1974	73,263,987	5,569,462	461,235	132	689	87
1975	35,637,214	3,189,332	282,813	--	--	--
1976	25,840,106	4,004,143	492,821	887	10,090	1,682
1977	21,603,200	3,765,959	449,355	1,616	19,608	3,264
1978	4,984,071	398,498	118,346	694	17,075	2,846
1979	772,548	201,643	29,553	--	--	--
TOTALS	511,324,886	33,433,316	3,221,083	3,329	47,462	7,879

OIL AND GAS OPERATIONS

ALL LANDS

TEXAS

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	5,074,264	2,224,336	175,470
1953	--	--	--	739,590	60,749	5,952
1954	--	--	--	1,231,953	269,288	17,377
1955	--	--	--	957,340	177,640	17,757
1956	--	--	--	1,742,112	325,954	112,216
1957	--	--	--	3,915,631	1,255,496	182,279
1958	--	--	--	2,554,006	840,830	131,951
1959	--	--	--	2,260,928	592,824	106,403
1960	--	--	--	3,498,639	923,495	138,214
1961	--	--	--	10,451,179	3,544,892	430,710
1962	--	--	--	7,778,400	2,272,545	325,362
1963	--	--	--	8,276,204	2,004,004	297,500
1964	--	--	--	8,676,451	2,573,332	409,655
1965	--	--	--	8,557,335	2,505,009	402,637
1966	--	--	--	51,635,802	11,857,432	1,962,118
1967	--	--	--	111,748,683	28,045,039	4,663,034
1968	--	--	--	121,161,076	29,562,344	4,912,960
1969	--	--	--	136,618,756	31,291,646	5,206,859
1970	--	--	--	189,581,244	31,909,979	5,130,992
1971	--	--	--	221,106,520	31,290,374	4,854,138
1972	--	--	--	237,286,034	36,297,001	5,703,608
1973	--	--	--	234,767,001	40,267,036	6,335,854
1974	45,270	10,422	1,590	237,462,738	48,448,372	7,536,928
1975	74,315	14,113	2,098	162,627,240	49,219,155	7,877,472
1976	35,821	11,094	1,708	120,818,554	45,161,398	7,295,539
1977	103,094	93,562	15,599	110,854,740	67,121,961	10,929,496
1978	1,142,718	1,164,442	194,044	241,295,697	313,514,037	52,068,762
1979	359,505	578,123	112,976	518,378,882	946,421,686	157,340,284
TOTALS	1,775,825	1,971,756	328,005	2,761,057,199	1,730,598,906	284,572,747

OIL AND GAS OPERATIONS

PUBLIC LANDS

TEXAS

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	24	--	--	24	--	--
1972-79	--	--	--	--	--	--
TOTALS	24	0	0	24	0	0

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- C O N D E N S A T E ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	1,956	5,905	979	--	--	--
1956	13,234	40,259	6,575	--	--	--
1957	5,792	19,889	3,296	--	--	--
1958	--	--	--	--	--	--
1959	257	847	141	--	--	--
1960	98	284	47	--	--	--
1961	--	--	--	--	--	--
1962	3,433	11,024	1,837	--	--	--
1963	52,304	159,764	26,527	--	--	--
1964	4,953	14,699	2,449	--	--	--
1965	3,747	10,042	1,656	--	--	--
1966	882,598	2,564,147	444,017	--	--	--
1967	1,162,401	3,525,423	604,236	1,703,385	5,305,062	684,177
1968	1,732,557	5,535,456	922,577	1,377,985	4,454,244	742,372
1969	1,514,315	5,191,533	865,045	1,245,536	4,361,621	725,926
1970	1,100,107	3,856,600	642,715	1,146,941	4,096,461	683,077
1971	710,453	2,510,868	431,713	974,584	3,574,607	612,435
1972	905,023	3,407,703	563,322	827,995	3,197,222	532,081
1973	695,359	2,717,407	449,655	921,970	4,411,721	729,876
1974	452,613	2,487,210	411,732	929,212	7,307,134	1,201,746
1975	338,569	1,815,153	299,518	1,001,567	7,834,357	1,290,315
1976	765,591	7,190,769	1,176,739	288,863	3,511,930	602,046
1977	193,567	1,896,955	312,836	715,470	7,219,119	1,201,914
1978	940,055	9,710,791	1,585,896	1,167,534	13,534,861	2,272,490
1979	2,131,164	26,586,056	4,435,156	1,464,382	16,508,588	2,767,935
TOTALS	13,611,465	79,558,784	13,188,934	13,765,424	85,718,927	14,247,390

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	<- O I L A N D C O N D E N S A T E ->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	1,956	5,905	979	--	--	--
1956	13,234	40,259	6,575	--	--	--
1957	5,792	19,889	3,296	4,797	480	84
1958	--	--	--	--	--	--
1959	257	847	141	--	--	--
1960	98	284	47	--	--	--
1961	--	--	--	--	--	--
1962	3,433	11,024	1,837	--	--	--
1963	52,304	159,764	26,527	--	--	--
1964	4,953	14,699	2,449	--	--	--
1965	3,747	10,042	1,666	--	--	--
1966	882,598	2,664,147	444,017	42,059,386	6,915,584	1,152,598
1967	2,865,735	8,930,485	1,488,413	99,952,946	17,067,626	2,847,938
1968	3,110,642	9,989,700	1,664,949	109,910,787	18,072,163	3,012,028
1969	2,759,351	9,553,154	1,591,971	127,096,982	20,447,082	3,407,848
1970	2,247,048	7,955,061	1,325,792	133,300,404	20,816,080	3,469,347
1971	1,685,047	6,285,475	1,044,148	127,357,908	19,965,436	3,327,573
1972	1,733,018	6,504,925	1,095,403	147,156,459	24,773,734	4,129,957
1973	1,617,829	7,129,128	1,179,541	148,673,637	27,766,325	4,627,694
1974	1,381,325	9,794,344	1,613,478	159,979,401	31,595,920	5,282,655
1975	1,340,136	9,649,510	1,589,833	122,572,764	34,696,435	5,782,740
1976	1,054,554	10,302,699	1,778,835	92,582,425	29,148,079	4,858,005
1977	909,037	9,116,074	1,514,750	86,943,285	52,061,701	8,676,941
1978	2,107,599	23,345,652	3,858,336	231,857,450	285,943,974	47,652,320
1979	3,595,546	43,194,644	7,203,091	511,590,607	898,140,521	149,690,101
TOTALS	27,375,890	165,277,711	27,436,324	2,141,039,238	1,487,531,140	247,916,829

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1970	47,255,294	1,925,020	145,721	--	--	--
1971	85,672,796	3,579,893	276,415	--	--	--
1972	82,440,797	3,570,724	265,333	--	--	--
1973	77,633,369	3,694,051	280,130	--	--	--
1974	71,605,533	5,514,277	437,017	132	689	87
1975	34,887,317	3,098,928	268,937	--	--	--
1976	24,957,344	3,888,403	475,139	--	--	--
1977	20,885,099	3,541,922	431,057	887	10,090	1,682
1978	4,551,631	304,765	105,315	1,604	19,518	3,253
1979	424,540	97,075	16,179	694	17,075	2,846
TOTALS	450,320,220	29,915,058	2,701,853	3,317	47,372	7,868

OIL AND GAS OPERATIONS
OUTER CONTINENTAL SHELF

TEXAS

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1955	--	--	--	1,956	5,505	979
1956	--	--	--	13,284	40,259	6,675
1957	--	--	--	10,589	20,359	3,380
1958	--	--	--	--	--	--
1959	--	--	--	257	847	141
1960	--	--	--	98	284	47
1961	--	--	--	--	--	--
1962	--	--	--	3,483	11,024	1,837
1963	--	--	--	52,804	159,764	25,627
1964	--	--	--	4,953	14,699	2,449
1965	--	--	--	3,747	10,042	1,666
1966	--	--	--	42,941,984	9,579,731	1,596,615
1967	--	--	--	102,818,732	26,018,111	4,336,351
1968	--	--	--	113,021,429	28,061,863	4,675,977
1969	--	--	--	129,856,833	30,000,235	4,999,819
1970	--	--	--	182,802,746	30,696,161	4,940,860
1971	--	--	--	214,715,751	29,930,804	4,648,136
1972	--	--	--	231,330,274	34,949,383	5,490,243
1973	--	--	--	227,930,335	38,569,504	6,087,415
1974	45,270	10,422	1,590	233,012,161	47,015,652	7,334,827
1975	74,298	14,105	2,094	158,875,015	47,456,978	7,643,604
1976	35,321	11,094	1,708	118,630,644	43,850,275	7,113,687
1977	103,258	93,510	15,532	108,846,366	64,923,297	10,640,022
1978	1,142,354	1,163,903	193,977	239,660,638	311,277,812	51,813,251
1979	367,755	577,057	112,843	515,979,142	942,126,372	157,025,060
TOTALS	1,773,556	1,970,091	327,794	2,620,513,221	1,684,741,372	278,390,668

OIL AND GAS OPERATIONS

ACQUIRED LANDS

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	646,926	1,757,022	160,837	410,717	248,913	2,912
1953	3,535	10,147	1,276	--	--	--
1954	20,741	56,615	7,720	480,387	157,321	4,057
1955	23,574	67,475	7,868	271,218	53,353	3,863
1956	55,392	173,571	13,181	375,396	79,125	3,308
1957	11,035	35,457	4,349	712,469	161,552	7,444
1958	3,917	26,110	3,133	455,437	57,063	6,277
1959	7,509	21,161	2,599	376,837	36,011	4,094
1960	15,040	46,063	3,351	544,567	67,844	6,153
1961	163,551	463,047	31,302	365,915	34,751	5,925
1962	152,431	464,849	29,471	197,296	24,179	2,993
1963	55,092	160,091	10,937	1,003,717	152,653	11,754
1964	40,458	109,733	8,251	755,612	87,450	8,152
1965	37,554	94,884	7,027	523,299	70,998	7,343
1966	33,324	109,614	10,572	602,762	78,809	8,020
1967	55,198	120,319	15,082	556,469	77,916	7,954
1968	50,093	145,266	15,609	567,814	78,121	8,358
1969	53,133	181,933	21,079	498,683	67,450	7,022
1970	41,296	131,876	14,846	505,575	69,088	7,525
1971	40,053	134,211	15,442	1,089,713	124,612	8,240
1972	41,523	142,278	16,532	414,989	51,631	5,348
1973	33,971	155,669	17,959	2,186,046	509,738	62,713
1974	42,705	327,414	38,590	1,637,418	410,218	50,309
1975	44,784	365,138	43,522	2,602,082	940,337	115,850
1976	55,527	479,752	56,842	739,279	289,930	34,096
1977	94,538	931,826	113,030	692,852	735,724	91,114
1978	77,337	779,178	94,112	715,076	951,110	60,666
1979	127,758	1,377,680	127,127	1,468,252	2,421,216	109,933
TOTALS	2,050,254	8,868,379	892,206	20,769,878	8,037,728	671,443

OIL AND GAS OPERATIONS

ACQUIRED LANDS

TEXAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- O I L L O S T ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,302,294	158,372	6,477	--	--	--
1953-55	--	--	--	--	--	--
1956	244,357	12,523	287	--	--	--
1957	1,234,210	79,403	4,157	--	--	--
1958	485,591	29,035	2,033	--	--	--
1959	429,054	26,029	1,550	--	--	--
1960	277,269	17,074	1,091	--	--	--
1961	(485,005)	(30,290)	(2,020)	--	--	--
1962	15,115	561	22	--	--	--
1963	448,503	16,866	757	--	--	--
1964	245,315	6,077	343	--	--	--
1965	315,259	5,285	571	--	--	--
1966	263,434	6,179	629	--	--	--
1967	500,359	10,987	1,233	--	--	--
1968	463,302	7,607	917	--	--	--
1969	395,359	5,397	633	--	--	--
1970	763,529	11,768	1,417	--	--	--
1971	655,302	15,470	1,946	--	--	--
1972	477,437	10,858	1,322	--	--	--
1973	323,734	10,201	1,220	--	--	--
1974	409,474	31,630	3,868	--	--	--
1975	272,391	22,752	2,775	--	--	--
1976	371,559	33,294	4,131	--	--	--
1977	326,577	53,863	6,723	--	--	--
1978	278,377	58,006	7,251	12	90	11
1979	217,483	69,193	7,865	--	--	--
TOTALS	12,243,538	568,140	57,258	12	90	11

OIL AND GAS OPERATIONS

ACQUIRED LANDS

TEXAS

CALENDAR YEAR	<----- G A S L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	4,359,937	2,164,307	170,226
1953	--	--	--	3,685	10,147	1,276
1954	--	--	--	501,126	213,936	11,777
1955	--	--	--	294,792	120,633	11,751
1956	--	--	--	675,645	265,219	16,776
1957	--	--	--	1,957,714	276,412	15,950
1958	--	--	--	949,945	112,208	11,443
1959	--	--	--	813,499	83,201	8,343
1960	--	--	--	837,876	130,931	11,095
1961	--	--	--	44,460	467,503	35,207
1962	--	--	--	364,842	489,539	32,486
1963	--	--	--	1,507,312	329,610	23,458
1964	--	--	--	1,041,385	203,250	16,756
1965	--	--	--	876,112	171,167	14,941
1966	--	--	--	909,571	194,602	19,221
1967	--	--	--	1,112,526	209,222	24,319
1968	--	--	--	1,081,709	230,994	24,884
1969	--	--	--	952,680	254,790	28,734
1970	--	--	--	1,315,500	213,332	23,788
1971	--	--	--	1,786,568	274,293	25,528
1972	--	--	--	933,954	204,767	23,252
1973	--	--	--	2,548,751	575,608	81,892
1974	--	--	--	2,089,597	763,262	92,767
1975	--	--	--	2,919,257	1,328,227	162,147
1976	--	--	--	1,166,475	302,976	95,069
1977	36	52	7	1,114,003	1,721,465	210,874
1978	364	539	67	1,071,666	1,788,923	182,107
1979	1,351	1,066	133	1,835,344	3,869,155	245,058
TOTALS	2,251	1,657	207	35,065,933	17,575,994	1,621,125

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

TEXAS

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	392,389	44,918	3,355
1953	--	--	--	389,163	35,571	3,797
1954	--	--	--	390,973	43,348	4,100
1955	--	--	--	361,581	39,931	3,662
1956	149,956	443,874	77,957	542,973	62,960	9,967
1957	242,097	790,002	136,950	1,319,584	154,802	24,260
1958	175,575	587,572	99,867	986,273	122,958	18,444
1959	149,079	487,640	81,046	795,783	100,612	14,307
1960	160,910	533,533	88,353	1,013,887	160,546	26,793
1961	354,218	1,590,456	198,808	4,621,232	1,200,456	150,057
1962	260,535	881,053	146,596	3,790,077	725,181	117,769
1963	243,466	321,472	136,118	2,839,991	514,023	82,707
1964	490,583	1,567,519	260,862	3,391,409	511,602	95,799
1965	486,859	1,484,478	247,013	3,790,150	552,739	108,509
1966	388,168	1,233,594	205,021	4,296,363	560,971	113,355
1967	275,504	384,694	147,110	4,248,487	730,713	121,735
1968	229,853	741,935	123,346	3,686,891	359,513	59,871
1969	135,471	464,023	77,054	2,684,897	453,652	81,550
1970	111,390	391,563	65,054	2,647,676	468,377	77,595
1971	138,009	511,766	85,092	2,163,228	432,657	72,054
1972	137,143	510,916	85,025	2,588,609	495,313	82,528
1973	103,103	419,282	69,706	2,218,706	445,821	74,199
1974	75,461	416,416	69,254	1,031,539	123,487	19,729
1975	53,060	284,662	47,327	302,884	79,628	13,289
1976	54,337	299,996	49,905	456,505	145,705	23,327
1977	41,434	247,903	41,129	461,413	159,122	25,906
1978	35,933	209,576	35,774	372,397	201,999	31,850
1979	37,006	292,869	48,575	396,765	97,915	15,882
TOTALS	4,536,050	16,096,794	2,623,182	52,180,825	9,334,620	1,475,796

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

TEXAS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	321,938	15,111	1,839	--	--	--
1953	345,742	15,031	1,879	--	--	--
1954	339,352	12,004	1,500	--	--	--
1955	299,011	10,921	1,365	--	--	--
1956	360,254	14,542	1,831	--	--	--
1957	385,547	13,911	1,739	--	--	--
1958	442,113	18,142	2,177	--	--	--
1959	502,310	20,524	2,566	--	--	--
1960	1,485,353	78,152	11,926	--	--	--
1961	5,431,259	286,472	45,638	--	--	--
1962	3,359,353	165,699	26,534	--	--	--
1963	3,627,531	179,135	28,590	--	--	--
1964	3,743,021	206,252	33,789	--	--	--
1965	3,400,457	186,533	30,706	--	--	--
1966	3,099,716	168,534	27,906	--	--	--
1967	3,293,534	202,299	33,519	--	--	--
1968	3,141,194	168,039	27,882	--	--	--
1969	2,988,375	118,945	19,632	--	--	--
1970	2,703,432	140,546	23,235	--	--	--
1971	2,302,940	140,854	23,328	--	--	--
1972	2,295,054	136,622	22,560	--	--	--
1973	1,966,106	136,821	22,642	--	--	--
1974	1,253,930	123,555	20,351	--	--	--
1975	477,006	67,652	11,101	18	5	4
1976	510,593	82,446	13,551	--	--	--
1977	391,524	70,174	11,565	--	--	--
1978	154,063	35,727	5,780	--	--	--
1979	130,525	35,375	5,609	--	--	--
TOTALS	48,761,128	2,350,118	461,972	18	5	4

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

TEXAS

CALENDAR YEAR	<- TOTAL ALL PRODUCTS ->		
	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
PRIOR	714,327	60,029	5,244
1953	735,905	50,602	5,676
1954	730,825	50,352	5,600
1955	660,592	50,902	5,027
1956	1,053,183	521,476	88,765
1957	1,947,328	958,715	162,949
1958	1,604,061	728,672	120,508
1959	1,447,172	508,776	97,919
1960	2,660,665	792,231	127,072
1961	10,406,719	3,077,584	395,503
1962	7,410,075	1,771,933	291,059
1963	6,716,088	1,514,630	247,415
1964	7,630,113	2,355,373	390,450
1965	7,677,476	2,323,800	385,230
1966	7,784,247	2,083,099	346,282
1967	7,817,625	1,817,706	302,364
1968	7,057,938	1,269,487	211,099
1969	5,609,243	1,035,620	178,306
1970	5,462,996	1,000,486	166,344
1971	4,604,177	1,085,277	180,474
1972	5,021,806	1,142,851	190,113
1973	4,287,915	1,001,924	166,547
1974	2,360,980	563,458	109,334
1975	832,968	431,950	71,721
1976	1,021,435	528,147	86,783
1977	894,371	477,199	78,600
1978	563,393	447,302	73,404
1979	564,396	426,159	70,166
TOTALS	105,478,021	28,281,540	4,560,954

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,062,455	5,538,256	927,270	62,468,446	4,589,348	350,573
1953	1,085,440	2,570,118	370,206	4,282,227	393,932	52,565
1954	1,223,558	3,036,565	426,049	9,132,315	996,656	165,649
1955	1,530,151	3,596,292	507,643	10,495,687	1,164,350	199,256
1956	1,870,129	4,173,559	550,238	9,328,175	1,026,696	185,669
1957	3,540,531	8,889,344	1,129,136	11,231,272	1,279,378	196,433
1958	23,250,480	69,310,265	8,737,552	13,083,323	1,959,529	237,905
1959	33,631,290	109,795,158	14,045,225	30,073,330	5,415,303	679,564
1960	35,934,751	97,452,013	13,226,302	34,235,891	6,189,584	789,226
1961	29,565,355	79,496,240	11,452,751	37,836,341	5,491,681	741,379
1962	30,233,318	81,103,974	11,856,793	41,704,485	6,368,339	887,514
1963	31,269,170	83,543,967	12,099,827	60,779,079	9,828,835	1,405,487
1964	26,163,498	63,918,962	9,808,955	42,612,664	6,396,865	865,682
1965	23,293,373	50,766,982	8,509,333	40,967,570	6,265,205	805,777
1966	21,564,153	59,517,343	7,862,007	37,565,890	6,054,122	739,490
1967	22,637,529	62,577,676	8,227,954	34,777,673	5,383,037	688,869
1968	21,111,115	55,188,208	7,769,338	33,363,284	5,089,414	660,194
1969	20,363,330	57,421,294	7,964,661	30,545,936	4,503,666	583,932
1970	20,333,633	58,326,648	8,141,544	28,853,197	4,790,619	616,366
1971	19,723,873	50,780,258	8,412,973	32,352,070	5,082,315	657,116
1972	21,595,501	64,170,276	9,024,811	24,498,377	3,863,533	502,067
1973	19,423,848	67,396,739	9,628,414	25,924,711	4,617,422	595,947
1974	21,502,043	135,094,886	19,991,569	34,837,948	6,232,760	821,254
1975	21,775,945	164,234,911	24,299,931	12,570,646	5,059,432	758,544
1976	20,151,523	155,533,281	23,189,187	23,034,617	9,478,523	1,340,701
1977	19,721,293	143,066,397	21,403,455	27,378,475	21,214,661	3,011,143
1978	15,717,039	130,782,830	19,822,133	33,666,081	27,310,493	3,682,672
1979	15,484,105	159,881,936	24,241,005	31,016,655	32,501,374	4,299,497
TOTALS	532,760,256	2,055,464,878	293,626,322	818,616,369	199,048,122	26,520,471

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- C O _ 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,105,778	45,635	1,391	1,992,042	--	3,222
1953	--	--	--	144,026	9,437	612
1954	--	--	--	176,957	12,387	1,337
1955	--	--	--	133,010	12,954	1,164
1956	--	--	--	146,610	13,795	1,283
1957	--	--	--	125,993	11,721	1,102
1958	1,294,506	50,101	2,112	90,447	5,331	791
1959	45,303,578	1,460,230	63,033	69,625	4,874	609
1960	84,605,934	2,923,243	135,330	60,425	4,230	529
1961	88,394,753	3,272,471	180,504	76,136	5,470	684
1962	82,014,718	2,489,824	128,287	81,920	5,734	717
1963	128,283,449	4,134,158	153,309	100,905	7,063	883
1964	75,550,337	2,153,332	106,476	96,432	6,750	844
1965	68,277,599	1,358,705	94,231	86,201	6,034	754
1966	60,920,756	2,115,585	107,774	56,390	3,947	493
1967	55,400,384	2,189,791	116,121	61,635	4,315	539
1968	93,153,414	3,378,912	179,510	54,788	3,835	479
1969	88,291,407	3,165,829	141,542	64,849	4,539	567
1970	67,754,354	2,348,683	106,385	55,040	3,853	482
1971	97,025,043	3,727,024	170,733	55,178	3,862	483
1972	75,894,760	2,962,939	137,739	61,105	4,277	535
1973	69,895,704	3,396,895	160,335	80,489	5,634	704
1974	57,229,550	4,790,738	204,139	100,739	7,052	881
1975	82,873,012	8,917,454	434,030	107,286	7,510	939
1976	75,432,376	9,309,031	448,415	105,881	7,412	926
1977	62,751,452	10,624,762	523,668	198,714	23,954	2,996
1978	51,573,479	5,904,126	293,579	222,867	27,859	3,462
1979	41,058,138	7,303,247	413,791	137,767	17,221	2,153
TOTALS	1,561,109,091	89,522,705	4,303,794	4,745,457	232,090	30,190

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	633	327	41
1975	353	3,805	476	72,118	26,810	3,352
1976	527	4,248	531	907,915	194,288	24,427
1977	50	462	54	253,036	121,627	15,200
1978	--	--	--	43,282	90,603	11,335
1979	52	317	40	(712)	(117)	(15)
TOTALS	1,092	8,832	1,111	1,276,272	433,538	54,340

OIL AND GAS OPERATIONS

ALL LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

68,628,721

5,512,693

10,532,844

12,158,848

11,344,914

14,897,946

37,718,856

115,082,823

154,837,001

155,875,095

154,034,441

220,437,603

145,432,931

132,624,743

120,107,194

112,877,221

152,682,602

139,265,522

116,996,784

149,156,164

122,049,743

115,324,752

113,669,913

117,404,370

119,633,039

109,303,020

102,222,748

88,696,006

11,273,239

2,973,537

4,045,608

4,873,626

5,214,050

10,180,443

71,326,226

116,575,565

106,569,070

88,265,862

90,467,871

97,514,023

77,475,909

68,897,926

67,791,497

70,154,819

65,260,369

65,095,328

65,469,803

69,593,459

71,001,025

75,416,630

147,125,763

178,249,922

174,526,783

175,051,873

164,115,911

200,203,978

1,262,456

423,383

593,035

706,063

737,190

1,325,671

8,978,370

14,788,491

14,151,937

12,375,318

12,873,311

13,659,506

10,781,957

9,410,145

8,709,764

9,033,483

8,609,671

8,690,702

8,864,777

9,241,205

9,665,202

10,385,900

21,017,884

25,497,372

25,004,187

24,956,526

23,813,251

28,956,471

TOTALS

2,918,508,537

2,344,810,165

324,536,228

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,355,557	5,226,336	750,780	62,468,446	4,589,348	350,573
1953	871,012	2,139,190	310,325	4,282,227	393,982	52,565
1954	1,077,831	2,735,981	387,544	9,132,319	996,656	165,649
1955	1,254,299	3,166,115	440,856	10,489,066	1,163,688	199,173
1956	1,184,548	2,989,307	402,250	9,328,175	1,026,696	185,669
1957	2,087,056	5,800,054	742,974	11,184,901	1,273,737	195,728
1958	4,715,921	13,234,613	1,684,756	11,780,522	1,714,648	206,958
1959	5,949,312	15,071,102	2,058,708	12,917,077	1,980,236	242,777
1960	5,026,547	15,214,785	1,988,572	14,801,889	2,302,642	281,383
1961	5,793,970	14,410,223	1,809,924	17,131,181	2,451,478	298,590
1962	5,921,232	16,975,080	2,121,885	18,686,049	2,848,354	347,784
1963	9,499,892	23,932,709	2,960,022	28,711,922	4,157,548	515,120
1964	10,532,379	26,009,211	3,253,048	27,059,195	3,722,061	458,044
1965	11,200,542	27,601,130	3,476,422	30,520,732	4,414,501	522,624
1966	10,551,534	29,344,591	3,310,955	28,240,307	4,437,334	507,811
1967	11,753,542	32,292,571	3,687,538	27,212,461	4,160,085	514,101
1968	11,374,753	28,791,579	3,599,895	26,615,574	3,834,911	477,238
1969	11,200,470	29,992,080	3,759,374	25,022,196	3,542,322	440,051
1970	10,755,483	29,406,047	3,680,420	24,839,430	3,927,563	486,263
1971	11,010,153	32,365,596	4,048,853	27,460,451	4,061,041	502,093
1972	11,549,733	32,045,121	4,014,858	21,167,915	3,143,103	390,763
1973	9,123,644	29,327,409	3,733,399	22,157,745	3,751,167	462,678
1974	8,055,459	42,074,181	5,258,831	30,134,520	4,800,303	594,367
1975	7,674,332	45,750,557	5,707,877	5,857,995	1,949,949	239,737
1976	5,913,515	43,232,902	5,400,255	15,402,252	5,187,822	643,372
1977	5,504,573	41,750,992	5,217,794	18,532,951	11,489,486	1,428,693
1978	5,864,344	40,458,210	5,055,927	24,959,995	18,758,805	2,265,932
1979	5,163,335	42,233,007	5,278,437	22,876,552	23,393,919	2,885,839
TOTALS	195,983,239	674,970,679	84,142,989	588,974,045	129,473,385	15,861,575

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- C O - 2 ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	1,105,778	45,635	1,391	1,992,042	--	3,222
1953	--	--	--	144,026	9,437	612
1954	--	--	--	176,957	12,387	1,337
1955	--	--	--	133,010	12,984	1,164
1956	--	--	--	146,610	13,795	1,283
1957	--	--	--	125,993	11,721	1,102
1958	115,756	5,264	219	90,447	6,331	791
1959	5,375,075	129,050	5,394	69,625	4,874	609
1960	6,011,750	206,426	8,835	60,425	4,230	529
1961	3,809,649	534,256	42,260	78,136	5,470	684
1962	9,949,371	516,552	37,450	81,920	5,734	717
1963	8,265,625	700,895	(26,003)	100,905	7,063	883
1964	7,659,116	370,396	15,522	96,432	6,750	844
1965	10,601,558	525,223	22,339	86,201	5,034	754
1966	10,609,212	683,464	25,654	56,390	3,947	493
1967	12,229,536	688,411	28,546	61,635	4,315	539
1968	57,655,173	2,816,567	117,711	54,788	3,835	479
1969	55,199,106	2,375,867	101,286	64,849	4,539	567
1970	44,352,519	1,856,874	81,458	55,040	3,853	482
1971	58,099,818	2,594,108	112,794	55,178	3,862	483
1972	47,514,747	2,143,896	95,592	61,105	4,277	535
1973	42,105,999	2,574,586	116,375	80,489	5,634	704
1974	27,054,475	3,235,849	149,260	100,739	7,052	861
1975	42,615,735	4,913,869	221,252	107,286	7,510	939
1976	43,252,547	4,926,300	217,822	105,881	7,412	926
1977	34,663,139	4,330,918	205,436	198,714	23,964	2,996
1978	5,256,070	1,232,699	51,927	222,867	27,859	3,482
1979	22,342,253	3,545,176	193,552	137,767	17,221	2,153
TOTALS	560,853,137	41,452,281	1,826,082	4,745,457	232,090	30,190

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	--	--	--	633	327	41
1975	353	3,805	476	71,598	26,511	3,314
1976	502	4,125	516	843,429	150,065	18,898
1977	7	65	8	252,895	121,393	15,171
1978	--	--	--	101,409	130,243	16,290
1979	52	317	40	(712)	(117)	(15)
TOTALS	1,024	8,312	1,040	1,269,252	428,422	53,699

OIL AND GAS OPERATIONS

PUBLIC LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	67,922,933	9,861,319	1,105,966
1953	5,297,265	2,542,609	363,502
1954	10,387,107	3,745,024	554,530
1955	11,876,375	4,342,737	641,193
1956	10,659,333	4,029,798	589,202
1957	13,397,950	7,085,512	939,804
1958	16,702,656	14,960,856	1,892,734
1959	24,312,089	13,185,252	2,307,488
1960	26,900,621	17,728,083	2,279,319
1961	31,612,936	17,401,427	2,151,456
1962	35,638,622	20,345,720	2,507,836
1963	46,579,344	28,698,215	3,450,022
1964	45,347,622	30,106,418	3,727,458
1965	52,409,042	32,546,888	4,022,139
1966	49,457,543	34,469,336	3,844,913
1967	51,257,174	37,145,382	4,230,724
1968	95,701,288	35,446,892	4,195,323
1969	91,486,621	35,914,808	4,301,778
1970	80,002,572	35,194,337	4,248,623
1971	96,625,610	39,024,607	4,664,223
1972	80,293,500	37,336,397	4,501,748
1973	73,473,877	36,158,796	4,313,156
1974	65,346,826	50,117,712	6,003,380
1975	56,327,859	52,652,201	6,173,605
1976	66,523,227	53,508,626	6,281,789
1977	60,157,279	58,216,818	6,870,098
1978	36,404,685	60,607,816	7,393,558
1979	50,524,247	69,189,523	8,360,006
TOTALS	1,352,826,204	846,565,169	101,915,575

OIL AND GAS OPERATIONS

ACQUIRED LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1971	10,077	29,301	3,663	115	19	2
1972	23,047	59,497	7,437	3,608	534	73
1973	41,534	140,636	17,530	11,244	5,807	851
1974	93,590	735,682	91,950	21,636	11,574	1,447
1975	184,315	1,982,654	247,832	66,625	40,103	5,014
1976	149,529	1,501,959	200,245	94,517	116,479	14,560
1977	93,499	969,225	121,153	58,781	97,323	12,166
1978	(105,375)	(1,391,085)	(173,836)	(28,387)	(51,031)	(5,379)
1979	49,306	512,369	76,546	22,779	38,026	4,754
TOTALS	543,222	4,740,238	592,530	250,918	259,891	32,488

OIL AND GAS OPERATIONS

ACQUIRED LANDS

UTAH

CALENDAR YEAR	<--- GASOLINE AND LFC --->			<----- GAS LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1973	17,861	1,281	77	--	--	--
1974	40,192	6,206	303	--	--	--
1975	323,109	54,116	2,407	484	279	35
1976	432,797	67,228	3,409	64,482	44,222	5,528
1977	161,400	43,361	1,441	141	234	29
1978	144,913	33,688	1,678	(58,137)	(39,646)	(4,956)
1979	131,598	48,773	2,150	--	--	--
TOTALS	1,255,370	254,653	11,465	6,970	5,039	636

OIL AND GAS OPERATIONS

ACQUIRED LANDS

UTAH

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)
1971	10,192	29,320	3,665
1972	26,655	60,081	7,510
1973	70,739	148,724	18,508
1974	160,518	753,452	93,710
1975	579,533	2,077,157	255,288
1976	741,325	1,929,888	223,742
1977	313,821	1,110,143	134,789
1978	(48,486)	(1,448,074)	(183,543)
1979	203,683	599,170	83,450
TOTALS	2,057,980	5,259,871	637,119

OIL AND GAS OPERATIONS

INDIAN LANDS

UTAH

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	705,798	1,411,920	176,490	--	--	--
1953	215,428	430,928	59,881	--	--	--
1954	145,737	300,584	38,505	--	--	--
1955	275,352	530,177	66,737	6,621	662	63
1956	685,531	1,184,252	147,938	--	--	--
1957	1,453,525	3,089,290	386,152	46,371	5,641	705
1958	18,534,553	55,075,652	7,052,796	1,302,801	244,851	30,947
1959	32,681,978	93,724,056	11,986,517	17,156,253	3,435,067	435,767
1960	29,903,204	82,237,228	11,237,730	19,434,002	3,985,942	507,843
1961	23,771,395	65,086,017	9,642,827	20,705,160	3,040,203	442,789
1962	23,312,035	64,128,894	9,734,908	23,016,436	4,019,935	539,730
1963	21,769,278	59,711,258	9,139,505	32,067,157	5,571,207	890,267
1964	15,630,519	42,309,751	6,555,907	15,553,469	2,574,804	407,639
1965	12,092,831	33,165,852	5,032,911	10,446,838	1,801,704	283,153
1966	11,012,524	30,273,252	4,551,052	9,329,583	1,516,738	231,679
1967	10,883,987	30,285,105	4,540,416	7,565,212	1,222,922	174,768
1968	9,735,353	27,396,629	4,169,493	6,747,710	1,254,503	182,956
1969	9,162,860	27,429,214	4,204,737	5,523,740	961,344	143,881
1970	9,573,200	28,920,501	4,461,124	4,013,767	863,056	130,103
1971	8,703,533	28,385,361	4,360,357	4,891,504	1,021,255	155,021
1972	10,022,721	32,065,658	5,002,516	3,326,854	719,846	111,231
1973	10,253,570	37,428,694	5,877,435	3,755,722	559,448	132,418
1974	13,345,394	93,285,023	14,640,778	4,631,792	1,420,883	225,440
1975	13,915,793	116,501,700	18,344,272	6,646,026	3,069,375	513,793
1976	13,083,578	110,598,420	17,588,537	7,537,848	4,174,222	682,769
1977	12,123,221	100,346,180	16,064,508	8,786,743	9,627,852	1,570,284
1978	10,959,570	91,715,705	14,940,142	8,734,473	8,502,719	1,423,119
1979	11,265,455	117,036,560	18,886,022	8,117,324	9,069,427	1,408,904
TOTALS	335,233,795	1,375,753,961	208,890,803	229,391,406	69,314,846	10,625,408

OIL AND GAS OPERATIONS

INDIAN LANDS

UTAH

<--- GASOLINE AND LPG --->

<----- O I L L O S T ----->

CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1958	1,173,840	44,837	1,993	--	--	--
1959	40,932,503	1,331,180	57,699	--	--	--
1960	73,594,174	2,716,817	127,045	--	--	--
1961	79,585,104	2,738,215	138,244	--	--	--
1962	72,055,347	1,973,272	90,837	--	--	--
1963	120,021,324	3,433,263	179,312	--	--	--
1964	68,901,221	1,782,936	90,954	--	--	--
1965	57,675,031	1,333,482	71,942	--	--	--
1966	50,311,544	1,432,121	82,120	--	--	--
1967	43,170,343	1,501,380	87,575	--	--	--
1968	40,497,241	1,162,345	61,899	--	--	--
1969	33,092,301	789,962	40,256	--	--	--
1970	23,402,245	491,809	24,927	--	--	--
1971	38,925,225	1,132,916	57,939	--	--	--
1972	23,380,013	319,043	42,197	--	--	--
1973	27,770,844	921,018	44,383	--	--	--
1974	30,133,383	1,548,683	54,576	--	--	--
1975	39,934,118	3,949,469	210,411	--	--	--
1976	31,747,032	4,315,503	227,134	25	123	15
1977	27,921,313	5,750,483	316,791	43	397	56
1978	46,172,496	4,537,739	239,974	--	--	--
1979	13,584,287	4,209,298	218,039	--	--	--
TOTALS	998,999,034	47,915,771	2,466,247	68	520	71

OIL AND GAS OPERATIONS

INDIAN LANDS

UTAH

CALENDAR YEAR	<----- GAS LOST ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	705,788	1,411,920	176,490
1953	--	--	--	215,428	430,928	59,681
1954	--	--	--	145,737	300,584	38,505
1955	--	--	--	282,473	550,839	66,870
1956	--	--	--	685,581	1,184,252	147,988
1957	--	--	--	1,499,996	3,094,931	386,867
1958	--	--	--	21,016,200	56,365,370	7,055,636
1959	--	--	--	90,770,734	98,490,303	12,481,003
1960	--	--	--	127,936,380	28,340,537	11,872,618
1961	--	--	--	124,062,159	70,864,435	10,223,860
1962	--	--	--	118,395,619	70,122,151	10,365,475
1963	--	--	--	173,858,259	68,315,608	10,209,484
1964	--	--	--	100,085,309	47,367,491	7,054,499
1965	--	--	--	80,215,700	36,351,038	5,288,006
1966	--	--	--	70,649,651	33,322,161	4,864,851
1967	--	--	--	61,620,047	33,009,437	4,802,759
1968	--	--	--	56,981,314	29,313,477	4,414,348
1969	--	--	--	47,778,901	29,180,520	4,388,924
1970	--	--	--	36,994,212	30,275,466	4,616,154
1971	--	--	--	52,520,362	30,539,532	4,573,317
1972	--	--	--	41,729,588	33,504,547	5,155,944
1973	--	--	--	41,780,136	39,109,160	6,054,236
1974	--	--	--	48,162,569	96,254,589	14,920,794
1975	36	20	3	60,496,978	123,520,564	19,068,479
1976	4	1	1	52,368,487	119,188,269	18,498,656
1977	--	--	--	48,831,920	115,724,912	17,951,639
1978	10	6	1	65,866,549	104,956,169	16,603,236
1979	--	--	--	37,968,076	130,315,255	20,513,015
TOTALS	50	27	5	1,563,624,353	1,492,985,125	221,963,534

OIL AND GAS OPERATIONS

ALL LANDS

INDIAN LANDS ONLY

WASHINGTON

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1961	2,939	1,170	146	2,939	1,170	146
1962-79	--	--	--	--	--	--
TOTALS	2,939	1,170	146	2,939	1,170	146

OIL AND GAS OPERATIONS

ALL LANDS

W.VIRGINIA

ACQUIRED LANDS ONLY

CALENDAR YEAR	<----- G A S ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1956	1,759	370	2,577	1,759	370	2,577
1957	--	--	4,749	--	--	4,749
1958	5,505,350	1,590,019	219,702	6,506,360	1,590,019	219,702
1959	7,125,471	1,941,742	240,194	7,125,471	1,941,742	240,194
1960	2,575,051	595,265	86,908	2,575,051	595,265	86,908
1961	32,172	8,800	1,100	32,172	8,800	1,100
1962	28,021	7,541	943	28,021	7,541	943
1963	1,008,302	272,356	34,045	1,008,302	272,356	34,045
1964	15,436,654	4,437,873	591,705	16,436,654	4,437,873	591,705
1965	74,599	17,900	57,737	74,599	17,900	57,737
1966	11,803	3,176	55,897	11,803	3,176	55,897
1967	13,703	5,033	56,129	13,703	5,033	55,129
1968	11,043	2,972	55,871	11,043	2,972	55,871
1969	14,542	3,913	55,989	14,542	3,913	55,989
1970	21,640	5,823	56,228	21,640	5,823	56,228
1971	5,488	1,746	218	6,488	1,746	218
1972	12,965	3,489	436	12,965	3,489	436
1973	10,084	2,714	339	10,084	2,714	339
1974	8,364	2,350	294	8,364	2,350	294
1975	7,023	2,386	298	7,023	2,386	298
1976	5,577	3,147	393	6,677	3,147	393
1977	7,021	4,813	502	7,021	4,813	602
1978	9,269	7,405	926	9,269	7,405	926
1979	2,511	1,883	235	2,511	1,883	235
TOTALS	33,937,022	9,122,716	1,523,515	33,937,022	9,122,716	1,523,515

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	640,903,339	1,009,283,878	134,338,132	538,111,531	37,274,820	3,298,727
1953	53,095,931	123,036,284	14,970,868	35,184,175	3,199,731	339,621
1954	59,843,412	143,794,331	17,510,857	31,885,409	3,427,847	332,406
1955	64,255,423	159,510,509	18,659,527	35,290,073	3,864,123	381,311
1956	68,660,408	170,796,158	20,049,671	39,164,996	4,259,611	471,663
1957	74,427,959	203,872,396	24,374,182	56,750,130	6,423,456	798,032
1958	73,803,527	186,592,260	24,255,505	63,619,541	7,442,489	887,541
1959	82,382,501	204,108,300	26,899,237	108,409,276	13,701,679	1,639,595
1960	83,229,118	204,079,416	26,657,155	114,849,371	15,269,505	1,814,984
1961	86,035,917	213,742,095	31,077,332	132,684,315	17,897,887	1,941,534
1962	83,673,553	206,210,597	27,755,293	117,055,906	16,952,950	2,224,479
1963	86,169,900	211,961,270	28,665,388	127,749,324	18,442,773	2,229,052
1964	86,355,574	216,010,062	28,914,549	154,819,675	22,399,655	2,684,794
1965	84,535,592	222,178,840	28,079,257	151,199,591	37,119,259	2,759,728
1966	85,965,510	217,245,499	28,863,916	159,260,960	23,320,881	2,715,194
1967	85,884,751	221,433,882	30,782,033	240,975,564	29,886,146	3,373,382
1968	98,055,935	250,115,424	32,971,754	158,559,432	21,571,380	2,629,324
1969	98,934,401	276,211,735	35,843,485	167,101,266	24,521,139	3,013,250
1970	96,852,584	275,527,066	35,561,938	191,203,749	28,932,147	3,552,822
1971	91,022,454	280,852,918	35,709,612	220,829,804	34,930,202	4,313,401
1972	86,233,701	264,702,096	34,703,932	199,520,131	33,575,417	4,152,076
1973	85,595,380	331,529,253	41,510,772	214,967,769	40,682,249	5,054,599
1974	85,840,567	535,248,597	66,972,375	193,319,070	43,709,380	5,355,159
1975	84,513,797	592,878,025	74,987,133	179,673,088	59,728,630	7,512,976
1976	80,962,700	598,767,425	77,403,445	181,982,804	96,577,402	11,795,772
1977	83,103,392	639,350,116	82,549,536	189,101,706	154,509,103	18,945,025
1978	84,113,704	722,437,694	92,793,315	182,269,246	188,155,279	22,904,869
1979	79,859,917	979,389,112	124,303,354	234,468,494	298,237,539	36,972,398
TOTALS	2,855,340,507	9,671,465,240	1,247,265,423	4,420,006,396	1,286,212,699	154,095,714

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	974,523,379	57,982,817	2,424,309	72,158	--	22,550
1953	40,729,934	2,393,060	118,347	27,972	85,599	10,129
1954	50,903,446	3,479,051	140,923	36,764	177,533	17,787
1955	41,437,000	2,748,400	111,082	29,300	136,637	14,041
1956	42,853,884	2,901,574	121,295	24,618	111,945	10,136
1957	43,753,029	2,970,229	125,233	24,359	95,249	11,715
1958	93,543,921	6,346,478	273,374	82,302	533,955	56,126
1959	107,377,786	5,350,887	291,374	126,529	402,846	39,117
1960	105,004,958	4,244,797	272,092	49,585	416,719	31,236
1961	124,375,732	5,516,009	280,340	36,114	240,662	18,411
1962	137,004,797	6,420,948	247,850	29,415	211,885	14,260
1963	136,794,197	6,339,530	264,358	28,928	194,706	12,442
1964	143,902,075	7,351,097	305,153	18,328	17,206	1,354
1965	150,710,394	8,544,421	306,334	4,776	(251,392)	(8,738)
1966	147,495,518	7,945,462	309,039	25,703	355,135	10,742
1967	259,956,589	9,329,488	376,442	22,967	431,193	14,944
1968	137,468,920	5,445,557	185,501	26,225	421,133	13,099
1969	116,016,587	5,991,337	228,946	17,525	337,623	11,022
1970	162,545,332	7,307,738	309,772	22,571	293,386	9,596
1971	210,600,101	10,519,362	456,951	20,041	348,170	11,293
1972	206,935,734	10,211,587	473,920	17,503	289,136	9,325
1973	223,781,798	13,713,384	716,300	291,729	316,239	10,045
1974	165,851,593	18,686,880	837,178	301,321	396,429	12,562
1975	161,094,476	35,307,518	1,503,376	80,958	2,517,306	73,820
1976	126,520,509	8,971,929	640,355	(40,354)	(1,549,177)	(41,494)
1977	129,079,006	24,173,161	1,052,379	33,727	318,372	11,210
1978	(23,492,837)	9,078,582	99,749	17,586	291,872	10,648
1979	190,019,533	25,032,699	1,550,745	410,055	367,671	12,463
TOTALS	4,407,800,340	319,408,982	14,023,877	1,838,705	7,810,044	420,441

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	896	5,819	728	8,414	2,971	371
1975	17,799	99,963	12,533	3,909,144	1,507,908	217,056
1976	17,024	113,181	14,144	4,221,280	2,166,524	288,532
1977	9,989	60,960	7,788	4,198,543	2,374,031	276,077
1978	14,087	72,912	4,265	2,031,258	8,550,579	1,064,731
1979	10,160	79,216	10,209	319,443	(5,366,245)	(670,698)
TOTALS	69,955	432,051	49,667	14,688,082	9,235,768	1,176,069

OIL AND GAS OPERATIONS

ALL LANDS

WYOMING

<- TOTAL ALL PRODUCTS ->

CALENDAR
YEAR

QUANTITY

PRODUCTION
VALUE(\$)ROYALTY
VALUE(\$)

PRIOR

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

TOTALS

2,153,615,957	1,104,541,515	140,083,768
129,038,062	134,219,674	15,438,965
142,674,031	155,878,762	18,001,983
141,012,796	166,259,669	19,165,961
150,709,906	178,069,286	20,652,765
174,960,477	213,361,330	25,309,162
231,054,291	201,715,192	25,473,146
298,296,092	224,063,712	28,869,323
303,133,032	224,012,437	28,775,467
343,134,078	238,396,653	33,318,117
337,763,681	229,796,378	30,242,882
350,742,349	236,938,279	31,171,240
385,095,652	245,778,030	31,905,960
386,450,953	267,591,138	31,136,581
392,747,691	248,866,977	31,898,941
587,839,980	261,080,709	34,546,851
394,110,512	277,653,494	35,800,378
382,069,879	307,061,834	39,096,703
450,624,786	312,560,337	39,434,128
522,472,400	326,750,652	40,491,257
492,712,069	308,778,238	39,339,303
525,638,176	386,341,125	47,391,716
446,321,861	598,050,076	73,179,873
429,294,262	693,039,350	84,306,894
393,664,063	705,147,284	90,101,754
405,526,853	821,285,743	102,842,015
244,953,044	928,586,918	116,877,577
505,087,652	1,298,739,992	162,178,481
11,700,744,585	11,294,564,784	1,417,031,191

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	598,392,114	940,505,918	125,628,634	530,898,003	36,824,572	3,230,329
1953	45,494,279	114,189,015	13,240,935	34,006,811	3,128,753	330,750
1954	52,325,524	132,326,383	15,519,692	30,627,788	3,364,391	324,474
1955	55,961,254	143,782,225	16,722,301	34,287,749	3,303,985	373,794
1956	61,167,091	154,360,352	18,034,907	38,145,435	4,196,438	458,968
1957	65,185,159	183,935,307	21,905,713	55,995,860	6,276,808	785,953
1958	65,025,150	168,120,551	21,956,546	62,393,021	7,348,040	872,948
1959	74,705,454	185,969,343	24,640,938	106,501,958	13,539,817	1,619,362
1960	75,623,989	185,981,019	24,400,708	113,050,725	15,113,439	1,795,476
1961	78,877,080	196,593,587	28,938,576	130,535,550	17,706,630	1,917,627
1962	77,245,319	190,762,140	25,829,193	114,914,760	16,723,451	2,195,790
1963	79,701,488	196,318,681	26,699,343	125,227,770	18,164,125	2,194,225
1964	79,983,410	200,372,758	26,935,209	146,335,981	21,249,301	2,529,762
1965	78,347,350	206,926,498	26,145,577	137,456,843	35,146,097	2,493,941
1966	79,971,170	202,375,468	26,959,359	142,658,639	20,915,113	2,382,659
1967	79,792,538	203,569,265	28,455,147	225,351,860	27,515,746	3,050,396
1968	90,945,379	232,098,288	30,591,679	143,907,780	19,234,340	2,291,534
1969	92,095,204	258,088,787	33,458,126	154,366,420	22,657,294	2,755,504
1970	89,815,370	255,525,184	33,095,146	177,699,454	26,584,214	3,229,176
1971	83,787,528	259,726,287	32,977,739	200,711,762	31,587,478	3,824,517
1972	79,292,368	244,489,144	32,093,108	183,040,587	30,852,752	3,750,908
1973	80,125,235	310,134,702	38,849,558	199,702,386	37,757,250	4,635,759
1974	79,586,072	504,354,761	63,073,528	178,400,131	40,340,572	4,852,386
1975	79,173,197	565,074,386	71,415,616	165,363,432	55,842,075	6,926,662
1976	75,955,325	571,954,769	72,759,725	169,030,340	92,290,735	11,128,788
1977	78,150,547	610,607,807	78,187,502	176,174,127	148,230,393	17,966,205
1978	79,232,455	689,075,637	87,926,354	173,153,486	180,805,096	21,768,831
1979	74,774,873	931,465,684	110,812,351	220,973,074	286,155,854	35,104,729
TOTALS	2,634,748,542	9,040,583,946	1,163,254,340	4,171,311,732	1,223,546,770	144,792,453

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LFG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	972,035,716	57,703,698	2,414,053	72,158	--	22,550
1953	40,729,934	2,398,060	118,347	27,972	85,599	10,129
1954	50,903,446	3,479,051	140,923	36,764	177,533	17,787
1955	41,437,000	2,748,400	111,082	29,300	136,857	14,041
1956	42,859,334	2,901,574	121,295	24,618	111,943	10,136
1957	43,753,029	2,970,229	125,233	24,359	95,249	11,715
1958	93,543,921	5,346,478	273,874	82,302	333,965	55,126
1959	107,377,736	5,350,887	291,374	126,529	402,846	39,117
1960	105,004,958	4,244,797	272,092	49,585	418,719	31,236
1961	124,375,732	6,516,009	280,840	36,114	240,662	18,411
1962	137,004,797	6,420,948	247,350	29,415	211,883	14,260
1963	136,794,197	6,339,530	264,358	28,928	194,706	12,442
1964	141,025,418	7,194,130	286,031	13,088	12,712	792
1965	150,653,360	8,503,028	300,547	4,191	(261,683)	(9,167)
1966	145,604,700	7,316,256	293,327	25,101	345,384	10,336
1967	253,285,173	9,216,808	370,723	22,579	424,039	14,646
1968	135,830,343	5,332,231	206,937	21,492	412,649	13,675
1969	114,329,057	5,374,006	224,224	17,035	328,426	10,599
1970	160,835,451	7,585,935	304,464	22,117	284,881	9,241
1971	203,254,303	10,448,395	441,200	19,184	332,100	10,621
1972	205,057,334	10,067,598	462,331	16,971	281,384	9,002
1973	218,573,915	13,377,810	682,193	291,665	315,467	10,013
1974	163,313,344	19,416,852	821,363	301,321	396,429	12,562
1975	158,501,758	35,990,195	1,476,339	80,958	2,517,306	73,820
1976	124,619,440	8,510,640	512,772	(40,354)	(1,549,177)	(41,494)
1977	127,137,267	23,550,189	1,021,053	33,727	218,372	11,210
1978	(15,823,458)	9,255,941	141,909	17,586	291,872	10,648
1979	183,275,242	25,082,883	1,512,754	410,055	367,671	12,463
TOTALS	4,374,298,137	316,442,558	13,819,488	1,829,760	7,727,573	416,917

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

CALENDAR YEAR	<----- O I L L O S T ----->			<----- G A S L O S T ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1974	896	5,819	728	8,414	2,971	371
1975	17,795	99,926	12,527	3,879,633	1,496,725	215,531
1976	15,243	102,642	12,827	4,212,395	2,158,214	267,493
1977	9,959	60,646	7,749	4,188,104	2,354,169	273,594
1978	14,097	72,912	4,265	2,031,999	8,551,675	1,064,868
1979	10,150	79,216	10,209	319,443	(5,366,245)	(670,698)
TOTALS	69,156	421,161	48,305	14,639,988	9,197,509	1,171,159

OIL AND GAS OPERATIONS

PUBLIC LANDS

WYOMING

<- TOTAL ALL PRODUCTS ->

CALENDAR YEAR	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	2,101,397,991	1,035,034,188	131,295,566
1953	121,259,046	120,301,437	13,700,161
1954	134,094,522	139,947,358	16,002,876
1955	132,715,303	150,471,247	17,221,218
1956	142,197,026	161,572,307	18,625,306
1957	165,964,407	193,377,593	22,828,614
1958	222,044,394	183,149,034	23,159,494
1959	288,712,727	205,762,893	26,590,791
1960	293,729,257	205,757,974	26,499,512
1961	333,825,476	221,056,888	31,155,454
1962	329,194,491	214,116,422	28,287,093
1963	341,752,383	221,017,042	29,170,368
1964	367,362,897	228,528,901	29,751,794
1965	366,462,254	250,313,940	28,930,998
1966	368,259,610	231,452,221	29,645,651
1967	563,452,250	240,725,857	31,851,912
1968	370,705,494	257,077,508	33,103,825
1969	360,807,716	286,948,513	36,448,453
1970	428,572,992	291,080,214	36,638,027
1971	492,772,677	302,094,260	37,254,077
1972	467,407,310	285,590,878	36,315,249
1973	498,698,201	361,595,229	44,178,513
1974	421,610,178	564,017,404	68,760,938
1975	407,016,774	661,020,613	80,120,495
1976	373,804,994	673,567,824	84,760,111
1977	385,693,741	785,221,575	97,467,323
1978	237,620,155	888,133,133	110,916,885
1979	479,762,547	1,238,785,065	152,781,818
TOTALS	11,196,897,315	10,598,019,517	1,323,502,662

OIL AND GAS OPERATIONS

ACQUIRED LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	152,082	401,172	44,496	--	--	--
1953	112,533	310,269	32,527	--	--	--
1954	114,397	313,625	25,110	--	--	--
1955	151,092	432,464	23,712	--	--	--
1956	162,777	505,498	20,171	--	--	--
1957	103,515	332,928	15,157	--	--	--
1958	65,585	171,884	10,313	--	--	--
1959	62,123	159,617	11,031	--	--	--
1960	43,307	108,564	7,762	--	--	--
1961	40,551	99,208	7,638	--	--	--
1962	49,448	122,275	11,359	--	--	--
1963	59,705	158,891	18,018	--	--	--
1964	163,539	449,081	58,851	--	--	--
1965	137,788	448,983	52,313	--	--	--
1966	211,950	591,492	77,722	--	--	--
1967	185,022	522,185	68,407	135,908	164	20
1968	152,277	436,917	57,934	919	225	28
1969	125,557	385,528	51,260	605	148	19
1970	142,070	442,332	58,342	--	--	--
1971	155,141	513,191	67,184	638,071	158,028	19,754
1972	175,577	585,589	75,431	836,153	122,251	15,281
1973	189,595	307,404	103,426	1,661,566	375,917	45,989
1974	141,011	1,198,891	154,453	984,814	234,442	29,305
1975	118,250	1,211,307	157,033	445,195	181,530	22,691
1976	84,302	391,859	116,528	265,626	137,612	17,202
1977	121,086	1,419,240	182,146	247,449	273,886	34,236
1978	134,595	1,733,238	221,211	(1,473,528)	(26,214)	(3,277)
1979	119,350	1,994,233	257,202	1,902,548	904,599	113,075
TOTALS	3,480,746	16,747,865	1,987,747	5,645,326	2,362,588	295,323

OIL AND GAS OPERATIONS

ACQUIRED LANDS

HYDRAING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- OIL LOST ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	3,767	10,491	1,311	--	--	--
1953-70	--	--	--	--	--	--
1971	213,327	3,557	309	--	--	--
1972	138,158	4,390	416	--	--	--
1973	3,669,750	203,486	24,331	--	--	--
1974	2,283,860	113,228	12,204	--	--	--
1975	1,667,421	179,806	19,106	2	30	5
1976	1,141,677	134,828	13,846	777	10,546	1,318
1977	1,069,959	176,779	9,701	20	314	39
1978	(7,359,309)	(546,453)	(65,584)	--	--	--
1979	3,611,060	716,056	82,810	--	--	--
TOTALS	11,439,870	996,168	98,450	799	10,890	1,362

OIL AND GAS OPERATIONS

ACQUIRED LANDS

WYOMING

CALENDAR YEAR	<----- G A S L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	155,849	411,653	45,807
1953	--	--	--	112,683	310,269	32,527
1954	--	--	--	114,897	313,625	25,110
1955	--	--	--	151,092	432,454	23,712
1956	--	--	--	162,777	505,498	20,171
1957	--	--	--	103,615	332,923	15,167
1958	--	--	--	66,585	171,634	10,313
1959	--	--	--	62,123	159,617	11,031
1960	--	--	--	43,807	106,554	7,762
1961	--	--	--	40,551	99,208	7,638
1962	--	--	--	49,448	122,275	11,359
1963	--	--	--	59,706	158,691	18,018
1964	--	--	--	163,589	449,051	58,851
1965	--	--	--	139,788	448,983	52,313
1966	--	--	--	211,950	591,492	77,722
1967	--	--	--	320,930	522,349	68,427
1968	--	--	--	153,196	437,142	57,962
1969	--	--	--	127,172	365,675	51,279
1970	--	--	--	142,070	442,332	58,342
1971	--	--	--	1,006,539	574,775	87,247
1972	--	--	--	1,150,988	712,230	91,128
1973	--	--	--	5,521,211	1,366,807	174,746
1974	--	--	--	3,409,685	1,546,561	195,962
1975	29,511	11,183	1,525	2,260,379	1,583,855	200,360
1976	3,385	8,310	1,039	1,501,267	1,183,155	149,933
1977	10,439	19,862	2,483	1,448,953	1,390,081	228,605
1978	(741)	(1,096)	(137)	(8,693,983)	1,159,475	152,213
1979	--	--	--	10,632,968	3,514,888	453,087
TOTALS	43,094	38,259	4,910	20,614,835	20,155,770	2,387,792

OIL AND GAS OPERATIONS

MILITARY & MISCELLANEOUS LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1969	2,348	7,017	1,263	--	--	--
1970	2,305	8,494	1,529	18,891	3,208	578
1971	2,432	7,930	1,427	23,250	3,874	698
1972	2,668	8,667	1,560	75	12	2
1973	2,311	8,241	1,433	14,941	2,704	487
1974	2,479	14,856	2,674	25,896	5,836	1,050
1975	2,278	11,567	2,082	27,970	6,351	1,143
1976	2,340	12,772	2,299	31,574	7,169	1,290
1977-79	--	--	--	--	--	--
TOTALS	19,661	79,544	14,317	142,597	29,154	5,248

OIL AND GAS OPERATIONS
MILITARY & MISCELLANEOUS LANDS

HYDROCARBONS

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1969	--	--	--	2,348	7,017	1,263
1970	--	--	--	21,696	11,702	2,107
1971	--	--	--	25,682	11,804	2,125
1972	--	--	--	2,743	8,679	1,562
1973	30,081	727	130	47,333	11,672	2,100
1974	9,110	3,041	548	37,485	23,733	4,272
1975	47,015	7,544	229	77,262	25,562	3,454
1976	41,016	9,166	964	74,930	29,107	4,553
1977-79	--	--	--	--	--	--
TOTALS	127,222	20,578	1,871	289,480	129,276	21,436

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

WYOMING

	<----- O I L ----->			<----- G A S ----->		
CALENDAR YEAR	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR 1953-79	3,550,229 --	5,771,877 --	797,284 --	5,162,869 --	324,821 --	52,719 --
TOTALS	3,550,228	5,771,877	787,284	5,162,869	324,821	52,719

OIL AND GAS OPERATIONS
NAVAL PETROLEUM RESERVE LANDS

WYOMING

	<--- G A S O L I N E A N D L F G --->			<- T O T A L A L L P R O D U C T S ->		
CALENDAR YEAR	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR 1953-79	2,483,896 --	268,628 --	8,945 --	11,196,993 --	6,365,326 --	848,948 --
TOTALS	2,483,896	268,628	8,945	11,196,993	6,365,326	848,948

OIL AND GAS OPERATIONS

INDIAN LANDS

WYOMING

CALENDAR YEAR	<----- O I L ----->			<----- G A S ----->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY MCF	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	38,814,465	62,604,911	7,877,758	2,050,659	125,427	15,679
1953	5,483,959	13,537,000	1,697,406	1,177,364	70,958	8,871
1954	7,405,991	15,654,323	1,965,055	1,057,621	63,456	7,932
1955	7,144,077	15,295,820	1,913,514	1,002,324	60,138	7,517
1956	7,330,510	15,930,308	1,994,593	1,019,561	61,173	12,695
1957	8,133,185	19,604,161	2,453,302	754,270	46,648	12,079
1958	7,715,792	18,299,825	2,288,746	1,226,520	94,449	14,593
1959	7,613,924	17,979,340	2,247,268	1,907,318	161,862	20,233
1960	7,561,322	17,989,833	2,248,685	1,798,646	156,056	19,508
1961	7,119,286	17,049,300	2,131,118	2,148,765	191,257	23,907
1962	6,373,596	15,326,182	1,915,741	2,141,146	229,499	28,689
1963	6,403,705	15,483,698	1,948,027	2,521,554	278,648	34,627
1964	6,203,575	15,189,223	1,920,589	8,483,694	1,150,354	155,032
1965	6,043,344	14,303,359	1,881,257	13,742,748	1,973,172	265,767
1966	6,782,390	14,278,539	1,826,825	16,602,321	2,405,768	332,535
1967	6,907,101	17,342,432	2,257,529	15,487,796	2,370,236	322,966
1968	6,957,779	17,580,219	2,322,141	14,650,733	2,436,815	337,762
1969	6,710,282	17,730,403	2,332,836	12,734,241	1,863,697	257,727
1970	6,891,739	18,551,056	2,405,921	13,285,404	2,344,725	323,068
1971	7,077,253	20,605,510	2,663,252	19,456,721	3,180,822	468,432
1972	6,765,988	19,518,698	2,533,883	15,643,316	2,600,402	385,685
1973	6,279,639	20,573,906	2,656,305	13,588,876	2,536,378	370,364
1974	6,111,005	29,180,089	3,742,220	13,908,229	3,128,530	473,418
1975	5,225,072	26,580,765	3,412,402	13,836,491	3,598,674	562,480
1976	4,909,133	25,908,025	4,524,893	12,655,264	4,241,885	649,492
1977	4,832,249	27,323,069	4,179,388	12,680,130	6,004,824	944,584
1978	4,745,544	31,528,819	4,645,740	10,589,288	7,296,397	1,139,315
1979	4,965,584	45,929,195	7,233,801	11,592,872	11,177,086	1,754,594
TOTALS	214,541,430	608,182,008	81,221,735	237,743,872	59,949,366	8,949,971

OIL AND GAS OPERATIONS

INDIAN LANDS

WYOMING

CALENDAR YEAR	<--- GASOLINE AND LPG --->			<----- S U L F U R ----->		
	QUANTITY GALLONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY TONS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
1964	2,875,557	156,967	19,132	240	4,494	562
1965	57,534	41,393	5,787	585	10,291	429
1966	1,890,813	129,206	15,752	602	9,751	406
1967	1,671,515	112,680	5,719	386	7,155	298
1968	1,633,577	113,326	(21,336)	4,733	8,484	24
1969	1,687,530	117,331	4,722	490	9,197	423
1970	1,710,431	121,803	5,308	454	8,505	355
1971	2,132,471	167,410	15,442	857	16,070	672
1972	1,740,192	139,599	11,173	532	7,752	323
1973	1,502,352	131,361	9,656	64	772	32
1974	1,245,279	153,759	3,353	--	--	--
1975	873,232	129,873	7,702	--	--	--
1976	713,475	217,295	12,773	--	--	--
1977	871,730	346,193	21,515	--	--	--
1978	695,340	369,094	23,424	--	--	--
1979	(1,865,719)	(766,240)	(44,819)	--	--	--
TOTALS	19,451,715	1,681,050	95,123	8,945	62,471	3,524

OIL AND GAS OPERATIONS

INDIAN LANDS

WYOMING

CALENDAR YEAR	<----- O I L L O S T ----->			<- TOTAL ALL PRODUCTS ->		
	QUANTITY BARRELS	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)	QUANTITY	PRODUCTION VALUE(\$)	ROYALTY VALUE(\$)
PRIOR	--	--	--	40,865,124	62,730,338	7,893,447
1953	--	--	--	7,666,333	13,507,968	1,706,277
1954	--	--	--	8,464,612	15,717,779	1,972,997
1955	--	--	--	8,146,401	15,355,958	1,921,031
1956	--	--	--	8,350,101	15,991,481	2,007,288
1957	--	--	--	8,892,455	19,550,809	2,465,381
1958	--	--	--	8,943,312	18,394,274	2,303,339
1959	--	--	--	9,521,242	18,141,202	2,267,501
1960	--	--	--	9,359,968	18,145,899	2,268,193
1961	--	--	--	9,268,051	17,240,557	2,155,025
1962	--	--	--	8,519,742	15,555,681	1,944,430
1963	--	--	--	8,930,260	15,762,346	1,982,854
1964	--	--	--	17,569,166	16,500,048	2,095,315
1965	--	--	--	19,848,911	16,928,215	2,153,270
1966	--	--	--	24,276,131	16,823,264	2,175,528
1967	--	--	--	24,066,800	19,832,503	2,586,512
1968	--	--	--	23,251,822	20,138,844	2,638,591
1969	--	--	--	21,132,643	19,720,628	2,595,708
1970	--	--	--	21,888,028	21,026,089	2,735,652
1971	--	--	--	28,667,302	23,969,812	3,147,808
1972	--	--	--	24,151,028	22,366,451	2,931,264
1973	--	--	--	21,371,431	23,347,417	3,036,357
1974	--	--	--	21,264,513	32,462,378	4,219,701
1975	1	7	1	19,939,846	30,409,319	3,982,585
1976	(1)	(7)	(1)	18,282,872	30,367,198	5,187,157
1977	--	--	--	18,384,159	34,174,086	5,146,087
1978	--	--	--	16,031,872	39,294,310	5,808,479
1979	--	--	--	14,691,837	56,340,041	8,943,576
TOTALS	0	0	0	471,745,962	669,894,895	90,270,353

PART 5
FEDERAL AND INDIAN LAND
TEN STANDARD FEDERAL ADMINISTRATIVE REGIONS

- | | | | | | |
|------|---|-------|--|-----|---|
| I. | Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island
Vermont | V. | Illinois
Indiana
Michigan
Minnesota
Ohio
Wisconsin | IX. | Arizona
California
Guam
Hawaii
Nevada |
| II. | New Jersey
New York
Puerto Rico
Virgin Islands | VI. | Arkansas
Louisiana
New Mexico
Oklahoma
Texas | X. | Alaska
Idaho
Oregon
Washington |
| III. | Delaware
Maryland
Pennsylvania
Virginia
West Virginia | VII. | Iowa
Kansas
Missouri
Nebraska | | |
| IV. | Alabama
Florida
Georgia
Kentucky
Mississippi
North Carolina
South Carolina
Tennessee | VIII. | Colorado
Montana
North Dakota
South Dakota
Utah
Wyoming | | |

PRODUCTION VALUE AND ROYALTY
OIL AND GAS OPERATIONS, ALL FEDERAL AND INDIAN LANDS
BY REGION

:	:	ALL PRODUCTS		:
		PRODUCTION VALUE (\$)	ROYALTY VALUE (\$)	
I	1979	-	-	
	1920-1979	-	-	
II	1979	-	-	
	1920-1979	-	-	
III	1979	6,642	830	
	1920-1979	11,113,154	1,749,337	
IV	1979	13,431,749	1,690,775	
	1920-1979	213,639,192	26,283,928	
V	1979	2,353,539	302,973	
	1920-1979	13,796,528	1,884,901	
VI	1979	10,756,311,708	1,696,798,625	
	1920-1979	60,148,872,941	9,305,233,876	
VII	1979	15,577,110	1,936,891	
	1920-1979	128,310,978	16,363,553	
VIII	1979	1,868,860,912	242,064,355	
	1920-1979	17,242,199,716	2,246,213,252	
IX	1979	323,176,040	44,663,510	
	1920-1979	4,412,909,493	577,587,812	
X	1979	60,358,152	7,544,770	
	1920-1979	894,573,224	106,511,132	
GRAND TOTAL 1979		<u>\$13,040,075,852</u>	<u>\$ 1,995,002,729</u>	
GRAND TOTAL 1920-1979		<u>\$83,065,415,226</u>	<u>\$12,281,827,791</u>	

NOTE: For State, Land Category, and Products - see Part 4.

Part 6

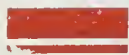
FEDERAL AND INDIAN LANDS
TOTAL UNITED STATES AND FEDERAL, OCS, AND INDIAN
PRODUCTION OF OIL AND CONDENSATE, AND GAS

The total production of oil and condensate decreased 3.0 percent during the year and gas increased 5.4 percent from leases under the supervision of the U.S. Geological Survey. For 1979, this production represented about 14.9 percent of the oil and condensate and 29.8 percent of the gas produced in the United States, respectively.

TOTAL UNITED STATES PRODUCTION
 PRODUCTION UNDER FEDERAL, OUTER CONTINENTAL SHELF, AND INDIAN LEASES
 PERCENT OF FEDERAL, OUTER CONTINENTAL SHELF, AND INDIAN PRODUCTION OF TOTAL U.S. PRODUCTION

YEAR	CRUDE OIL AND CONDENSATE			:	GAS			:	GAS LIQUIDS		
	:		:		:		:		:		:
	: FEDERAL,		:		: FEDERAL,		:		: FEDERAL,		:
	UNITED	OCS &	OF		UNITED	OCS &	OF		UNITED	OCS &	OF
	STATES	INDIAN	TOTAL U.S.		STATES	INDIAN	TOTAL U.S.		STATES	INDIAN	TOTAL U.S.
	(Thousands of Bbls.)		(%)		(Millions of Cu. Ft.)		(%)		(Thousands of Bbls.)		(%)
1950	1,973,574	103,080	5.2	6,282,060	140,449	2.2	181,961	4,376	2.4		
1951	2,247,711	114,675	5.1	7,457,359	170,738	2.3	204,754	5,297	2.6		
1952	2,289,836	115,701	5.1	8,013,457	243,887	3.0	223,515	5,494	2.5		
1953	2,357,082	130,922	5.6	8,396,916	289,682	3.4	238,579	5,708	2.4		
1954	2,314,988	138,639	6.0	8,742,546	384,946	4.4	252,133	6,097	2.4		
1955	2,484,428	152,651	6.1	9,405,351	431,149	4.6	281,371	5,992	2.1		
1956	2,617,283	168,015	6.4	10,081,923	488,516	4.8	292,727	6,357	2.2		
1957	2,616,901	183,646	7.0	10,680,258	618,622	5.8	294,990	6,596	2.2		
1958	2,448,987	211,355	8.6	11,030,298	684,146	6.2	294,749	8,027	2.7		
1959	2,574,590	252,894	9.8	11,619,951	831,005	7.2	320,757	9,443	2.9		
1960	2,574,933	272,712	10.6	12,771,038	946,546	7.4	340,109	11,529	3.3		
1961	2,621,758	293,042	11.2	13,254,025	1,024,617	7.7	361,689	13,513	3.7		
1962	2,676,189	317,466	11.9	13,376,622	1,174,691	8.5	372,705	15,245	4.1		
1963	2,752,723	338,224	12.3	14,666,559	1,366,821	9.3	400,886	15,988	4.0		
1964	2,736,822	351,229	12.6	15,462,143	1,505,194	9.7	422,471	15,488	3.7		
1965	2,848,514	374,344	13.1	16,039,753	1,556,524	9.7	441,556	14,216	3.2		
1966	3,027,763	422,922	14.0	17,206,628	2,020,097	11.7	468,635	15,090	3.2		
1967	3,215,742	469,276	14.6	18,171,325	2,404,172	13.2	514,456	20,042	3.9		
1968	3,329,042	520,476	15.6	19,322,400	2,603,946	13.5	550,311	13,570	2.5		
1969	3,371,751	561,242	16.6	20,698,240	3,042,278	14.7	580,241	19,799	3.4		
1970	3,517,450	603,588	17.2	21,920,642	3,554,386	16.2	605,916	40,501	6.7		
1971	3,453,914	646,911	18.7	22,493,000	3,949,928	17.3	617,815	53,902	8.7		
1972	3,445,965	628,950	18.3	22,532,000	4,162,968	18.5	636,560	56,628	8.9		
1973	3,360,920	603,059	17.9	22,647,500	4,364,223	19.3	634,370	54,863	8.6		
1974	3,202,510	568,878	17.8	21,601,000	4,748,651	22.0	616,120	61,876	10.0		
1975	3,056,875	530,376	17.4	20,109,000	4,569,549	22.7	596,045	59,686	10.0		
1976	2,976,312	512,262	17.2	19,952,000	4,804,603	24.1	585,095	56,773	9.7		
1977	3,009,425	493,448	16.4	20,025,000	4,904,226	24.5	590,750	56,069	9.5		
1978	3,178,055	476,407	15.0	19,974,000	5,561,707	27.8	571,955	24,123	4.2		
1979	3,107,610	462,105	14.9	19,671,000	5,860,841	29.8	607,360	9,245	1.5		

SOURCE: Total United States Production - Monthly Energy Review - Dept. of Energy, 1979 Total
 United States production data are preliminary and subject to change.



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